

San Diego -Lions International Convention

June 21, - July 9, 1999

Itinerary for Cecil And Elsie Daniels, Nyssa Daniels (age 11 ½ and Ashley Rozier (to be 9 on July 3). Traveling with cell phone with voice mail 912 731-1093. Both we and the girls will have At & T calling cards to call home. Each will have at least 30 min. time to call. Dates are as close as we can figure them based on distance, time of travel and what we expect to see and do.

June 21 - Leave Macon early by 8:00 AM

- ◆ **US 80 to Columbus**
- ◆ **I-85 to Montgomery**
- ◆ **I-65 to Mobile**
- ◆ **I-10 and I-12 to New Orleans**
- ◆ **Possible camp site - Mandeville, La. Fountainebleau State Park**
(504) 624-4443

Abt. 479 Mil

June 22 - Leave camp site and cross Lake Pontchartrain Bridge - 28 miles long

- ◆ **Take I-10 west to Houston TX**
- ◆ **Check on seeing Johnson Space center if time permits.**
- ◆ **Continue on to TX State hwy 71 exit.**
- ◆ **Exit at Bastrop for Bastrop S. P. and camp grounds.**
- ◆ **Ph: 512 321-2101**
- ◆ **Abt. 500 mi.**

June 23 - Leave camp and continue on State 71 west through Austin

- ◆ **travel west on hwy 71 following directions of Bonnie DeAtkine - Cecil's Cousin.**
- ◆ **Bonnie/Joe DeAtkine - 830 598-8426**
- ◆ **Abt. 90 miles**

After a short visit - maybe 2 hours return to I-10 via 281 s., 290 w.

- ◆ **enroute to Tucson**
- ◆ **probable camp sites at Ft. Stockton TX**
- ◆ **Ft. Stockton KOA 915 395-2494**
- ◆ **Parkview 915 336-7733**
- ◆ **Abt 400 mi.**

June 24 - Leave camp, take I-10 on to El Paso and Lordsburg and Tucson

- ◆ **Will try to call Susan White frm Ft. Stockton or El Paso.**
- ◆ **Susan's Ph. 520 792-6198**
- ◆ **If Susan is not home will find camp site.**
- ◆ **Peppersauce (4700 ft. el.) 520 749-8700**
- ◆ **or Catalina S.P. (probable choice) 520 628-5798**
- ◆ **or Marana 520 682-3434 (very high elevation) ?**
- ◆ **558 mi.**

June 25 - Spend most of day in area seeing -

- ◆ **Biosphere**
- ◆ **Sonora Desert Museum**
- ◆ **Tucson Botanical Garden**

June 26 - Last leg of trip out, we take I-8 west.

- ◆ **We have a KOA Kamping Kabin reserved at Chula Vista KOA**
- ◆ **Ph. 619 427-3601**

- ◆ Address: San Diego Metro KOA, 111 N. 2nd Ave. 91910
- ◆ FAX 614 427-3622 (note: area code may be an error)
- ◆ Check in after 2 PM on Sunday the 27th check out July 2 early

**Convention dates June 28-Jul 2. We may leave early in order to stay on schedule.
Most activities will be going on at SD Convention Center**

July 2 - Return trip. Leave late on this date. Maybe as early as 5:00 or as late as 8:30 PM

- ◆ take I-15 north about 60 miles to Palomar S. P. camp grounds. 760 765-0755

July 3 - Have birthday party, and tour (if we can) Palomar observatory.

- ◆ Date Gardens ?
- ◆ Joshua Tree Park
- ◆ other as time allows
- ◆ take I-10 east and US 95 north to Needles.
- ◆ may see London Bridge on the way
- ◆ Needles KOA off I-40 760 326-4207
- ◆ or River Rd. Resort 760 326-3423
- ◆ Abt. 255 mi.

July 4 - Take I-40 east to Flagstaff. About 210 mi.

- ◆ Ph: for Kae and Bill Fishco: 520 526-3552
- ◆ Spend the night of 4th with Kae and Bill
- ◆ Leave early to tour.

July 5 - Continue I-40 east toward Albuquerque NM and exit on US 84 south

- ◆ continue on 84 to Ft. Sumner taking 84 and US 60 to Clovis.
- ◆ May not make it that far in one day - 531 mi.
- ◆ Camp ground of Clovis. 505 763-6360

July 6 - Leave Clovis and drive US 70 and 84 to Lubbock and Brownsfield.

- ◆ Day visit only with whomever we can contact.
- ◆ Ferrell and Nera May Daniel : H. 806 637-2081
- ◆ Betty Lynn Brasher H. 806 437-8924
- ◆ at store 806 637-6396
- ◆ Abt 100 miles give or take a few miles.
- ◆ In doubt where we will stay here.

July 7 - Leave Brownfield early for Wichita Falls area.

- ◆ will call Nyssa's friend Julie Cox 940 851-0674 to arrange a visit.
- ◆ Down to Dallas or more specifically Crowley TX to Elsie's cousin
Louise and Fred Mixon, 708 Meadowview Dr., Crowley TX 76036
817 297-1375/ We may spend one night.

July 8 - Leave Dallas / Ft. Worth area on I-20 to Shreveport LA. Abt. 216 mi.

- ◆ Stop to visit with Gerald Massey and his mother Vassie Gooch Massey. Age 96.
- ◆ His phone is 318 227-0987
- ◆ Stay maybe 2 hours or less. May eat with Vassie at nursing home if this works out and its meal time.

**No more details - from this point we will call if we are not on schedule. We should be in
Macon late on July 9. FUN, FUN, FUN Se you then.**











Clue Locations
Lipstick's grave
Daddy
Bambi's Car
Carnegie
Kitty's Room
Daddy's Room













10 WEST
New Orleans

EXIT 263
433
Slidell
2 1/2 MILES

EXIT 266
150
Slidell





הנהלת תשלומים
המחלקה לתשלומים
המחלקה לתשלומים

LAKE PONTCHARTRAIN EXPRESSWAY

TAG ONLY

TAGS
&
CASH

TAGS
&
CASH

TRUCK
SCALE

TAG ONLY

SPEED
LIMIT
55

















Texas
STATE LINE
Orange
CITY LIMIT









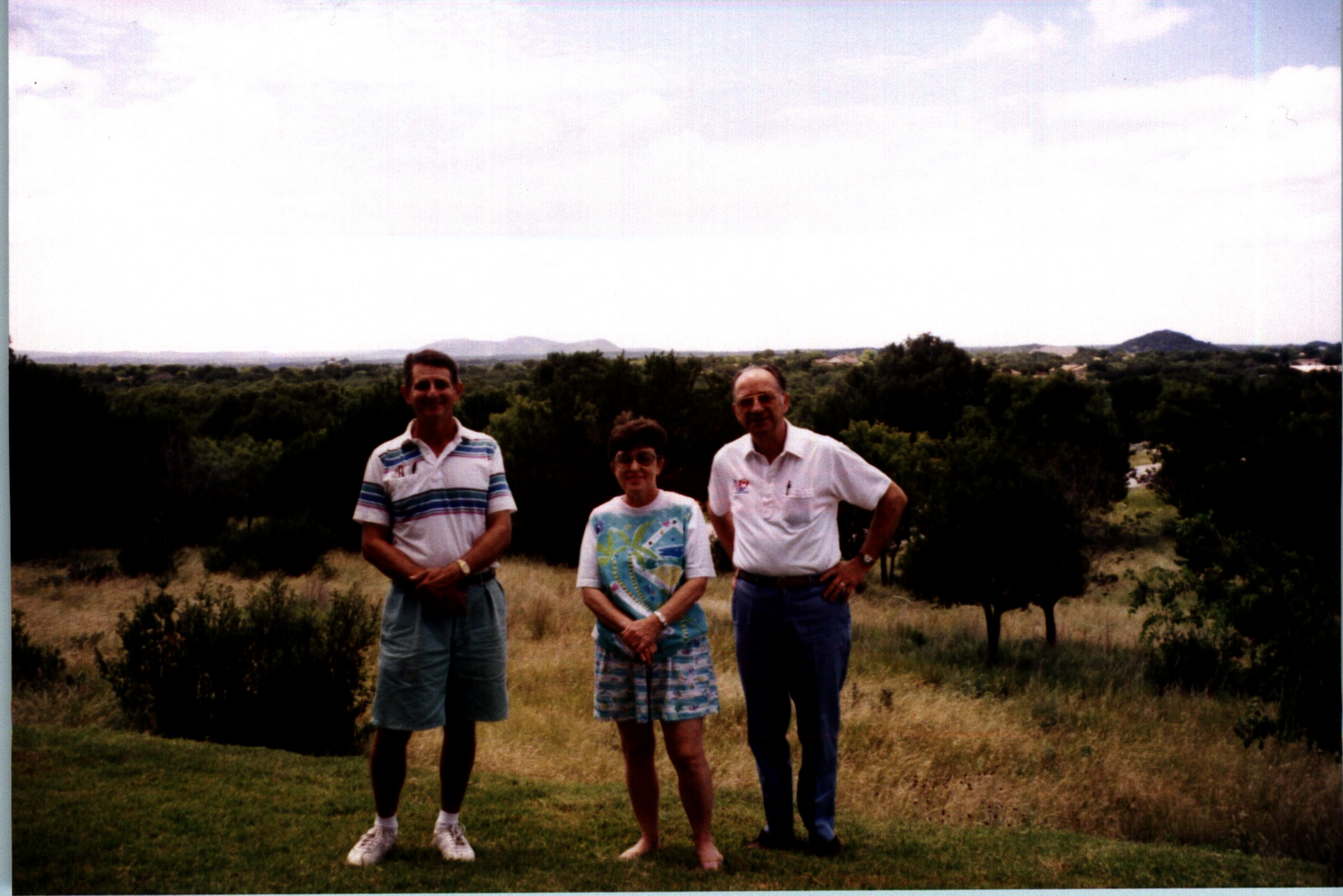




















GOOCH
CEMETERY →











BENJAMIN
GOODCH
BORN
JAN. 31, 1790
DIED
MAR. 10, 1872

Christian Patriot
Pioneer in Texas
under four flags
1834-1872



WIFE OF
MR. F. GOUGH
BORN
DIED

She lived and died a Christian.







BENJAMIN
GOODE
BORN
DIED 1890
MARRIED 1872

CHRISTIAN PIONEER
PIONEER
1834-1872















































MOUNTAIN ISLANDS

The Sonoran Desert region includes forested mountain "islands" surrounded by a "sea" of desert.

You are entering a representation of the biological community known as the Mexican Oak-Pine Woodland. This community occurs at elevations between 4500 and 7000 feet in these mountain "islands."

At this elevation a moderate climate, with rainfall averaging between 12 and 22 inches a year, supports a variety of grasses and a mixed evergreen woodland dominated by oak, juniper and pine.

S.E.
ARIZONA

SONORA

A photograph of a Shrub Live Oak (Quercus turbinella) in a garden. The plant is a dense, low-growing shrub with many small, dark green, ovate leaves that have deeply lobed or toothed margins. The ground is covered with a thick layer of dry, brown, fallen leaves and some bare, thin branches. A light-colored wooden identification tag is stuck into the ground in front of the plant. The tag has the following text: "SHRUB LIVE OAK" in large capital letters, "ENCINO" in smaller capital letters below it, a horizontal line, the scientific name "Quercus turbinella" in italics, and "FAGACEAE (BEECH FAMILY)" in small capital letters at the bottom. The tag is supported by a small wooden stake.

SHRUB LIVE OAK
ENCINO

Quercus turbinella

FAGACEAE (BEECH FAMILY)



















PINCUSHION CACTUS
MAMMILLARIA BIZNAGITA
CACTACEAE



Courtship and Mating

The male attracts a female with flashes of its iridescent plumage, a spectacular courtship dive, or a thin scratchy song. The birds must then overcome their natural aggressiveness long enough to mate. Their mating behaviors are not well known. After a brief encounter, each bird may court and mate with a number of others during one nesting cycle.





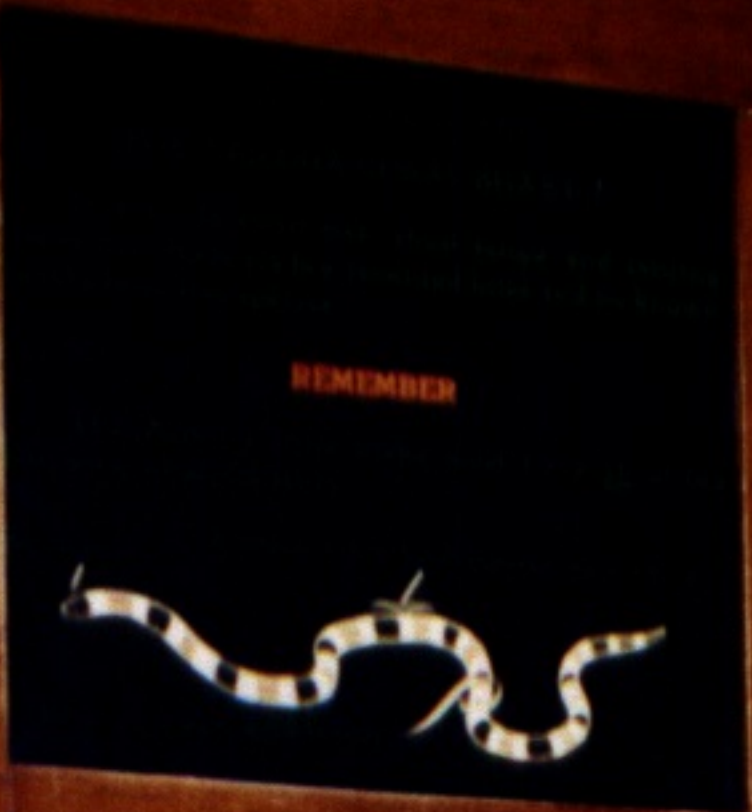








ARIZONA CORAL SNAKE
and snakes confused with it



VENOMOUS







DESERT MARIGOLD
Tagetes deserti
Annual, 1-2 ft. tall
Yellow flowers
Common in desert areas



YUCCA
Yucca elata
Perennial, 10-20 ft. tall
Pink flowers



YUCCA
Yucca elata
Perennial, 10-20 ft. tall
Pink flowers

HOW DO THEY DO THAT?
These arid desert plants have evolved many ways to survive in the harsh, dry environment. Some have deep roots to reach water far below the surface. Others have small, waxy leaves that reduce water loss. Many have the ability to store water in their stems or leaves. These adaptations allow them to thrive in the desert.

DESERT HIBISCUS
Hibiscus deserti
Perennial, 1-2 ft. tall
Orange flowers



CHolla
Leucodermis
Shrub, 1-2 ft. tall
Yellow flowers

CHolla
Leucodermis
Shrub, 1-2 ft. tall
Yellow flowers





WELCOME
TO



TUCSON
BOTANICAL
GARDENS







• welcome to the Dr. Scholl
• Foundation Sensory Garden.
In the first four ramadas
we invite you to interact
with the plants by using
a particular sense. At the
final ramada - be curious -
use all of your senses.

DR. SCHOLL FOUNDATION
SENSORY GARDEN

Welcome to a sensory adventure.
Look for these pictographs on
the ramadas ahead. They indicate which
sense to focus upon at each stop.



SMELL ...

Breathe deeply to
gather the scents.



LISTEN ...

Quiet yourself to
hear the soft sounds.



TOUCH ...

Be gentle!



LOOK CLOSELY ...

Examine the
smallest details.



BE CURIOUS ...

Explore the hidden
parts using all your
senses.









SHAKE ME
SEED PLANT MATERIALS

MIX ME

DRUM ME
SAGUARO CACTUS PARTS





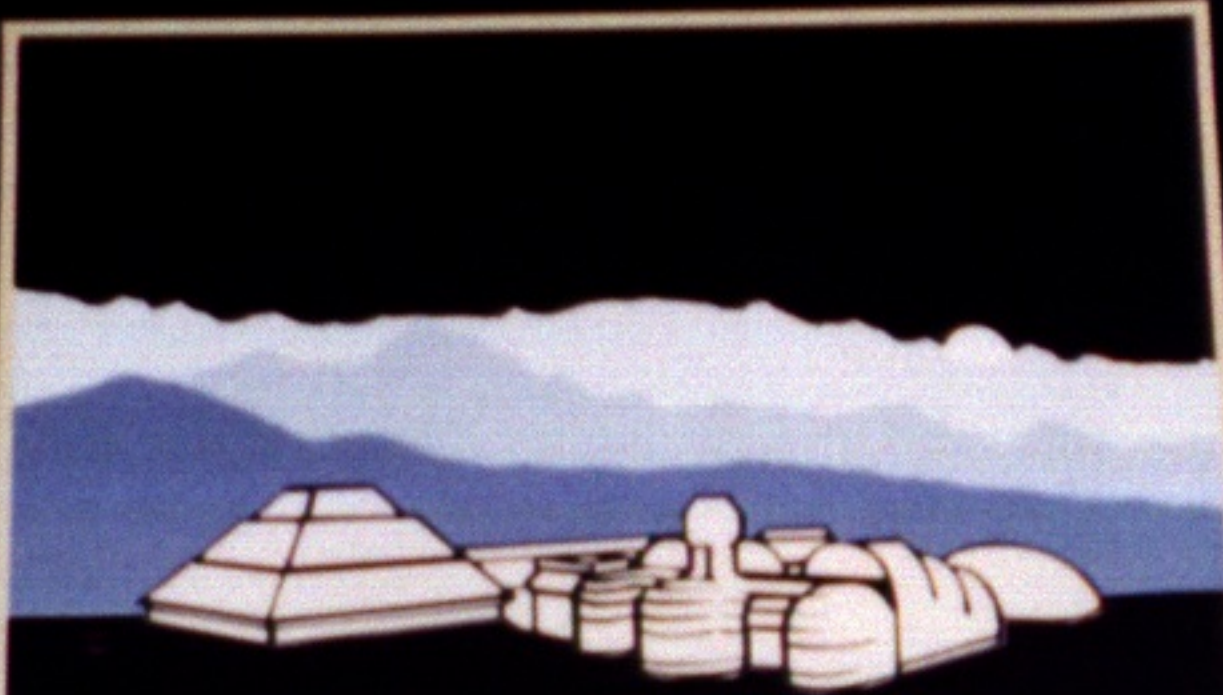
Butterfly Gardening

A successful butterfly garden will have a good mix of nectar plants for adult butterflies and larval foodplants for caterpillars.

Choose a sunny location and plants of different heights, massing them to make them more enticing to butterflies. Select plants with a succession of bloom periods to attract butterflies throughout the year.







Biosphere 2

Big Science

Biosphere 2 is the largest greenhouse in the world, and one of the most remarkable structures ever built. It houses living organisms from five natural biomes comprising more than 1,000 species of plants and animals, research agricultural areas and the former human habitat. Beneath this structure, miles of pipes, tubes and wiring, wastewater tanks and other facilities make up a "technosphere" designed to recreate the Earth's recycling functions. The dome-shaped "lungs" beyond Biosphere 2 are connected to the main structure by tunnels. They allow for air expansion due to changes in pressure inside the greenhouse. The whole building is sealed off from the desert soil by a welded 1/8"- thick stainless steel liner.

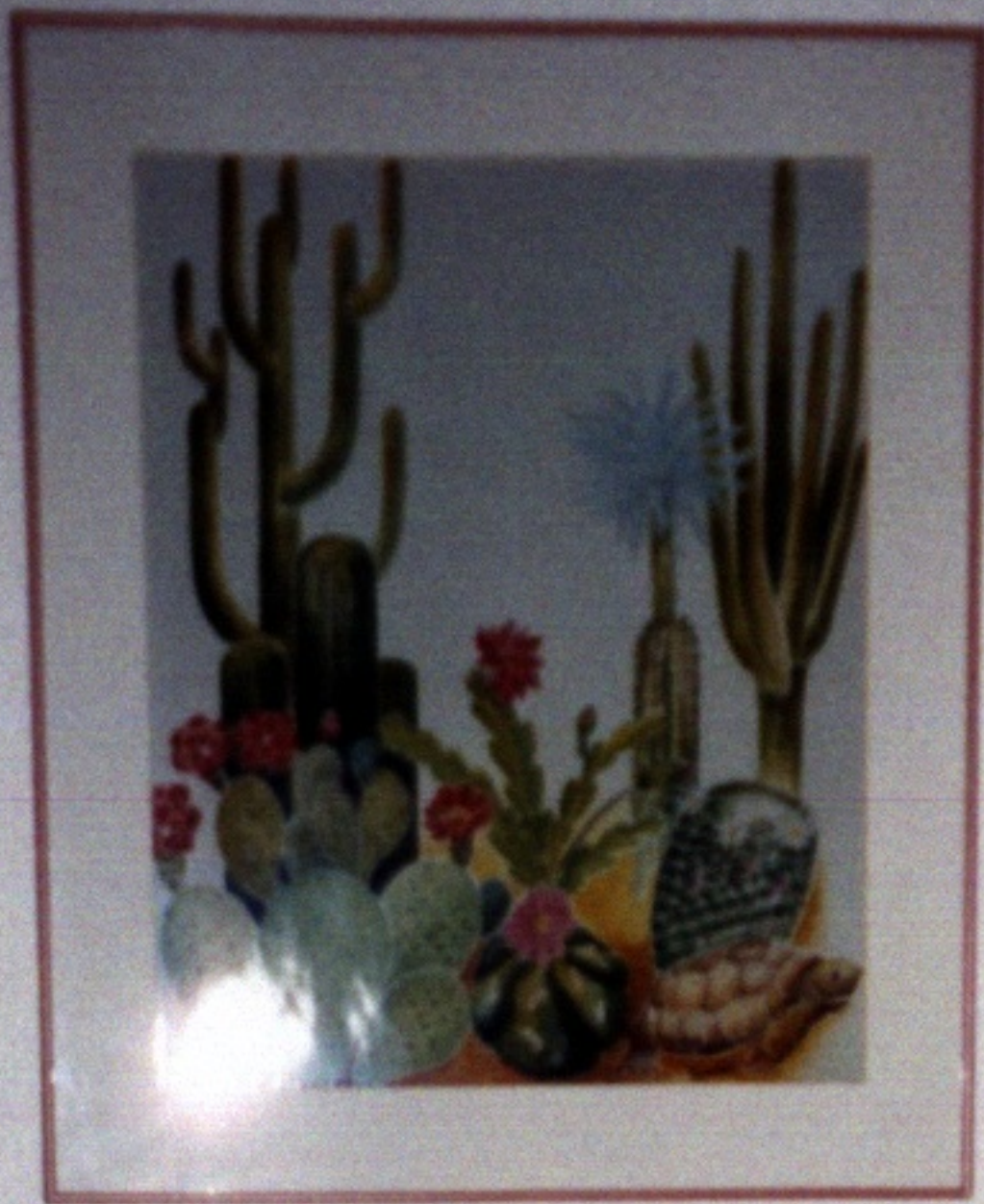




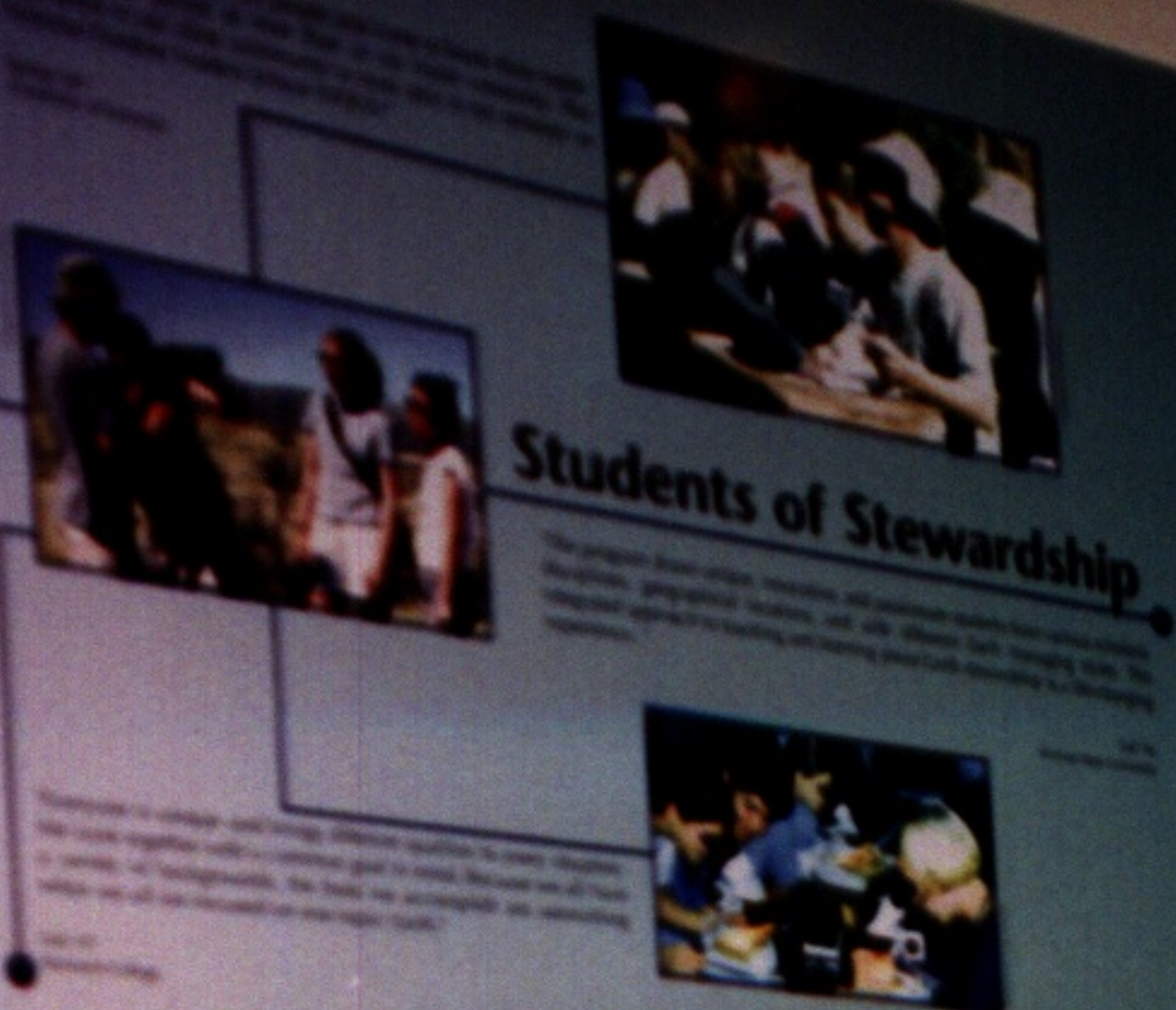








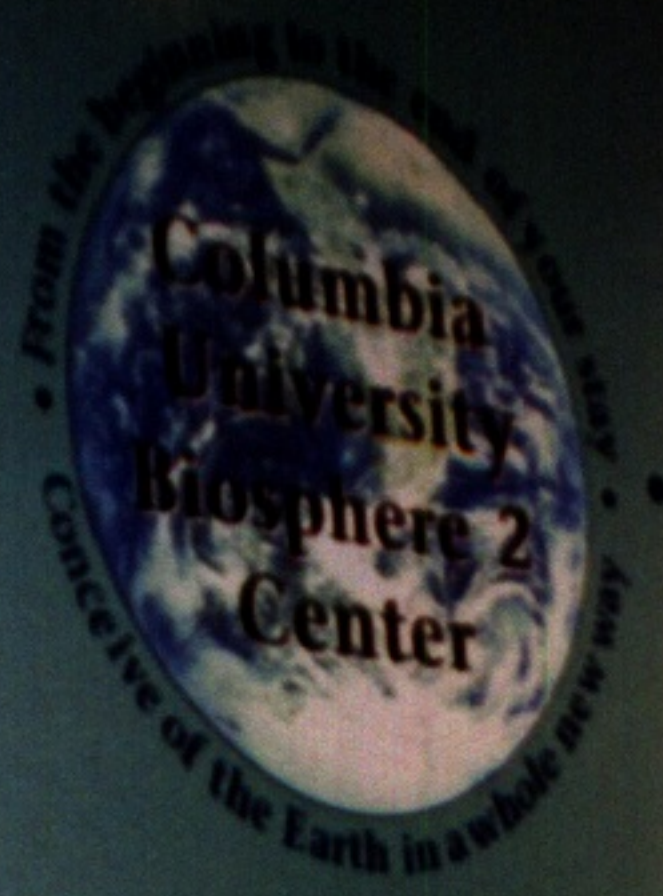
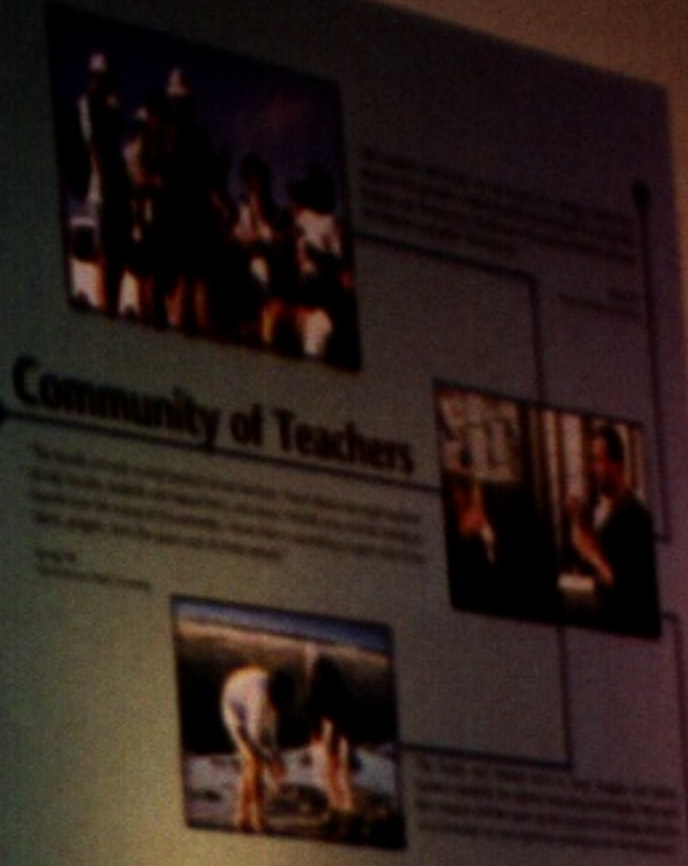




Students of Stewardship

The program brings students, researchers, and practitioners together from various disciplines, geographical locations, and with different Earth stewardship goals. The program focuses on learning, and learning from each other about the challenges of stewardship.

Students are encouraged to bring different questions to the table, and to work together with a common goal in mind. Because we all have different backgrounds, the field is an opportunity to learn from each other and to work together on a common goal.

Community of Teachers

The Community of Teachers is a group of teachers who are interested in learning from each other and from the research community. They meet regularly to discuss their experiences and to share their ideas. The group is open to all teachers who are interested in learning from each other and from the research community.

Undergraduate Earth Systems Education at Biosphere 2 Center

An Integrated Academic Framework

Learning in the Earth Semester takes place collaboratively in the laboratory, classroom, and field. Look for examples of student research projects on display around campus.

How do you get more information and/or apply?

Ask your tour guide to direct you to the Student Recruitment and Admissions Department or apply online at www.bios2.edu. The Earth Semester and Earth Systems Field School are open to all qualified students.

This exhibit was developed and designed by the Earth Semester student and faculty members. Thanks to the Biosphere 2 Center.

The Earth Semester at Columbia University is a unique program that is offered during the spring and fall semesters. The program focuses on research, education, and service. The program is open to all qualified students.



Accessible Science Creates Knowledge That Impacts People

The Earth Semester and Earth Systems Field School

Biosphere 2 Center is Columbia University's western campus, and a unique research facility. The Earth Semester and the Earth Systems Field School prepare next generation leaders to meet the complex environmental challenges of the future. These programs take a hands-on, team-based, and globally-conscious approach to learning.



Academic Partnerships

Columbia University is working to develop partnerships with other colleges and universities. These partnerships will provide students with a variety of opportunities to learn from each other and from the research community.

Our current partners are:

Arizona State University	University of California, Berkeley
Brown University	University of Colorado, Boulder
Cornell University	University of Delaware
Duke University	University of Florida
Harvard University	University of Georgia
Johns Hopkins University	University of Illinois, Urbana-Champaign
MIT	University of Michigan
Northwestern University	University of Minnesota
Stanford University	University of Nebraska, Lincoln
University of Texas at Austin	University of Wisconsin, Madison



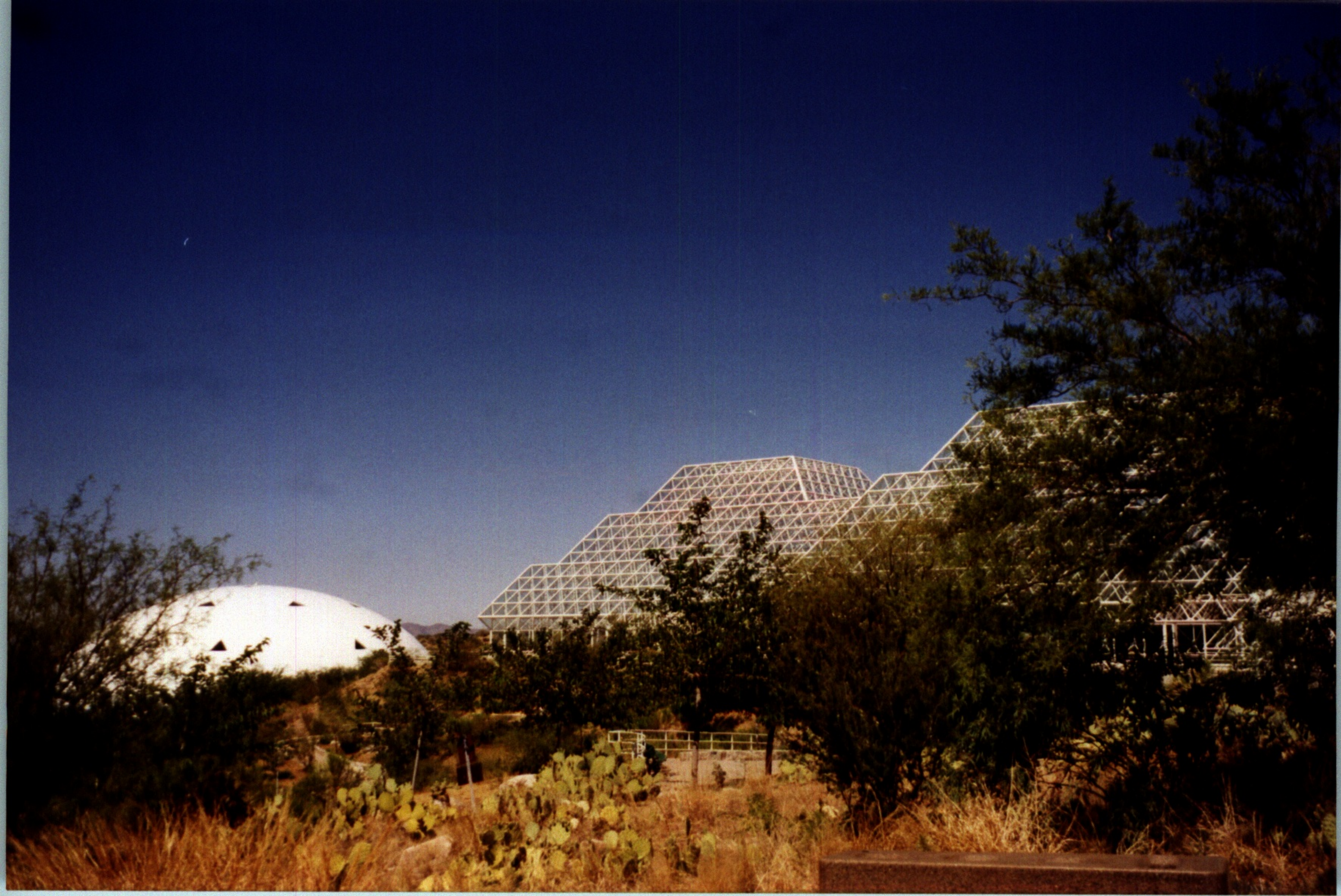
















↑ Biosphere 2
Rainforest
Human Habitat
Ocean Viewing
Gallery



The Importance of Feasting

Celebrating special events, such as birthdays, are important to those enduring long periods of isolation. For the Biospherians these occasions were especially important as they became aware of their restricted food supply.

Displayed here is a feast, one of the few times during their mission that allowed Biospherians to eat as much as they could.







Life on the Inside

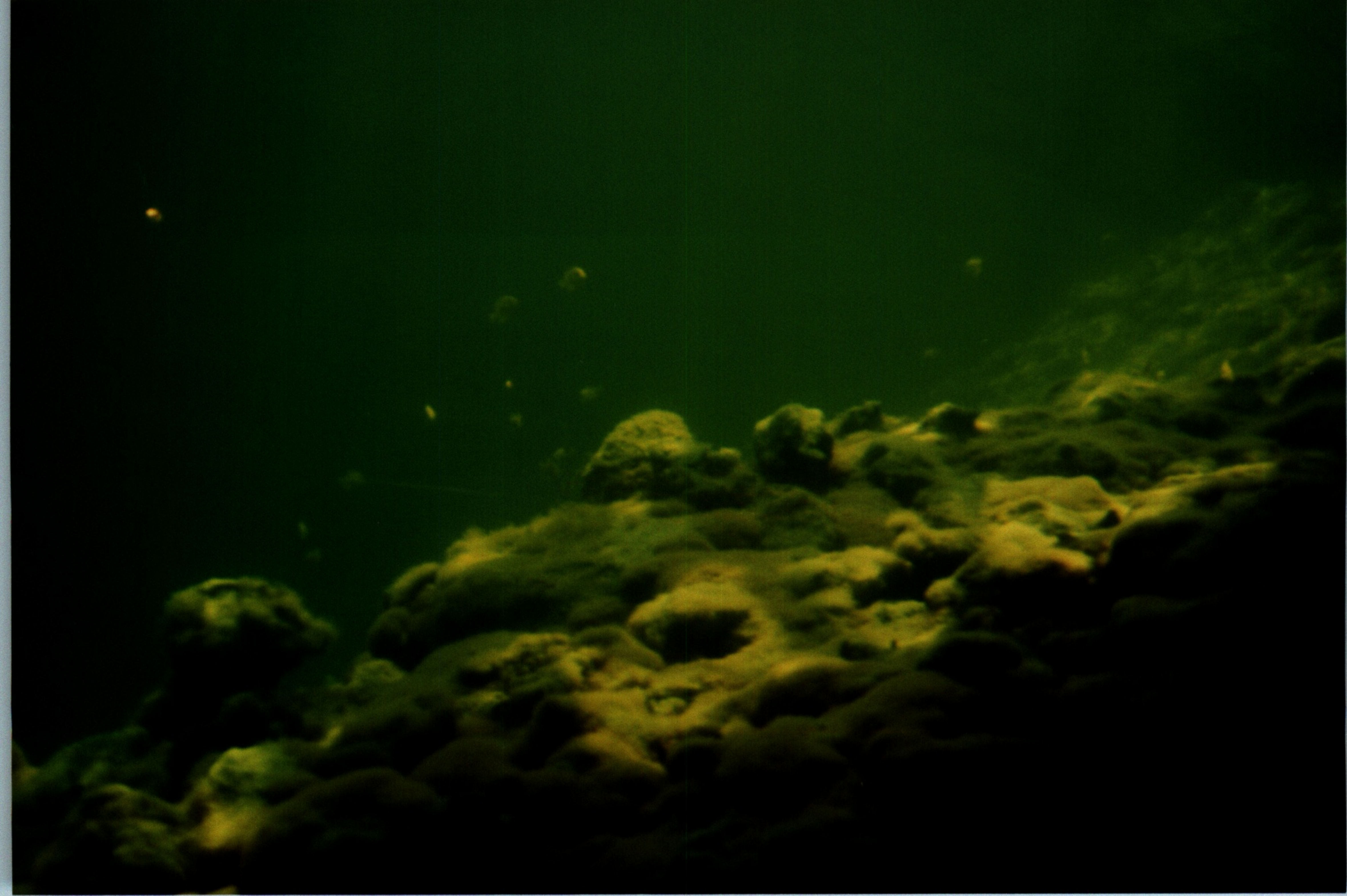
There are 10 apartments in the Human Habitat. Each Biospherian had his or her own two-story apartment.

The living room was downstairs and the bedroom was upstairs. Each crew member decorated their apartment with their own personal taste. Some became libraries, while others, like the one you see through the window, became an artist's studio.

Personal privacy was very important to the Biospherians. Their apartments became their "castles." Contact by phone and computer to family and friends in the outside world made the isolation a little easier to endure.











~

EXIT 198

84
Casa Grande
1 1/2 MILES

EXIT 199

8 WEST
San Diego

EXIT 199

PHOENIX BYPASS ROUTE
I-10 WEST ALT ROUTE
USE AND 55

55









Vacation Inn
Vacation Inn of America

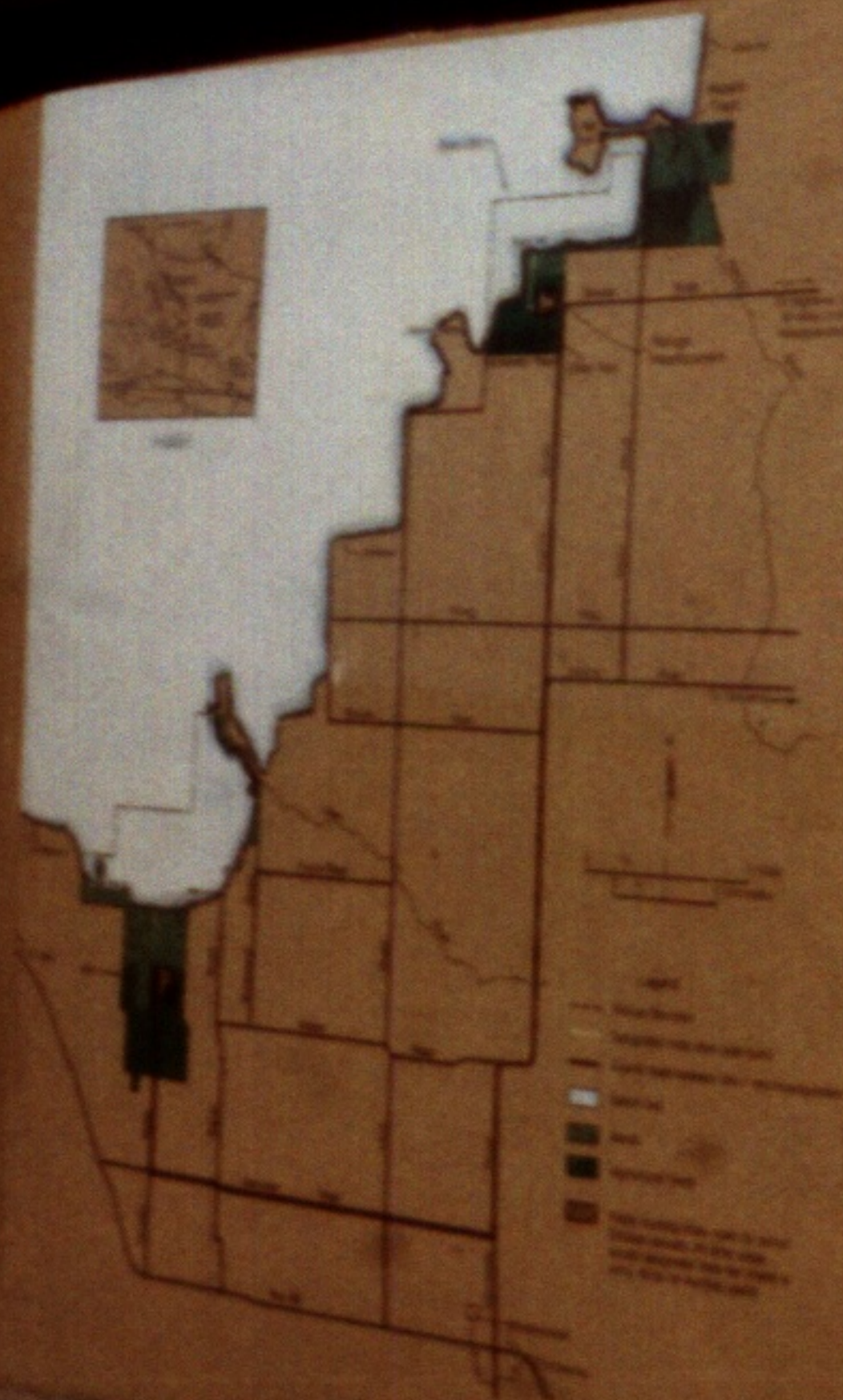
RV-RV
RESTAURANT
LOUNGE



HOLLY
SUGAR

SEA LEVEL





Welcome to Sonny Bono Salton Sea National Wildlife Refuge

The refuge has shrunk:

When Sonny Bono National Wildlife Refuge was established in 1982, it included about 25,000 acres. About half of the original refuge was submerged by the Salton Sea and the rapidly eroding levees, marshes, and other lands. However, because the level of Salton Sea has risen due to agricultural runoff, only about 2,000 nonproductive acres remain. Dikes have been built to keep the sea from expanding further.

Wildlife you may see:

Located in the Imperial Valley of California, the refuge provides winter habitat for a variety of migrating waterfowl. It is the southernmost national wildlife refuge in the Pacific Flyway and supports thousands of waterfowl and other birds each winter. Canada geese, snow geese, lesser scaup, mallards, black-necked stilts, phalaropes, green-winged teal, wading grebes, and a variety of other species are commonly seen in winter.

Enjoy your visit!

A walk along the trail is a great way to see some of the interesting parts of the refuge. Signs have been placed along the trail providing information on wildlife found in the refuge and some of the management practices the refuge uses to help wildlife. During summer, September to mid-November in the Salton Sea, feed along the way if you become tired, and bring water to drink.



REFUGE HOURS

Open to the public from dawn until dusk, 7:00 a.m. to 6:00 p.m. daily.



WILDLIFE OBSERVATION AND PHOTOGRAPHY

These areas are excellent for observing and photographing wildlife. Please do not feed or approach wildlife. Stay on the trail. Do not use binoculars.



DESIGNATED TRAILS

Walking and jogging are allowed on designated trails. Stay on the trail and do not feed or approach wildlife.



WATERFOWL HUNTING

Waterfowl hunting is permitted under state and federal regulations on waterfowl. Please check the refuge website for hunting regulations.



FISHING

Fishing is permitted in the Salton Sea. Please check the refuge website for fishing regulations.



PETS

Pets are not allowed on the refuge. Please do not feed or approach wildlife. Stay on the trail and do not feed or approach wildlife.



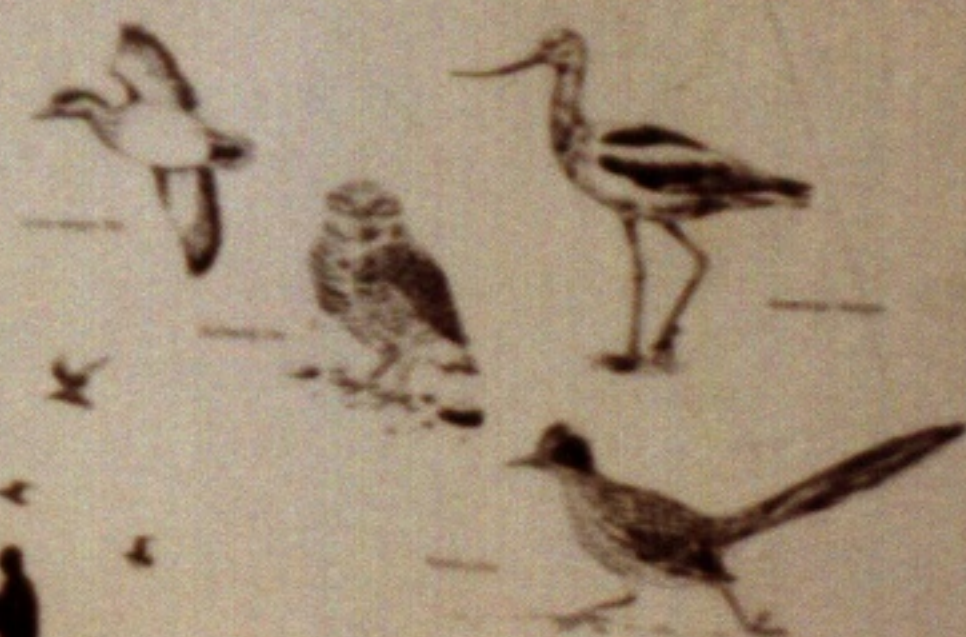
LITTERING

Please take all trash with you. Please do not feed or approach wildlife.



CAMPING

No camping is allowed on the refuge. Please do not feed or approach wildlife.

















WEST
8
San Diego

Jackson Dr
1 MILE

Grossmont Center Dr
La Mesa Blvd
NEXT RIGHT

SOUTH
TO 94

125 NORTH
EXIT ONLY



















32

Convention Center

STAND BEHIND LINE



DORSYTH LIONS
DORSYTH, GA
USA

ating Seeds Peace s International r contest

winning poster?

Using only pictures, no words, students ages 10-18 from around the world are challenged to create their personal interpretation of peace.

Each student's poster has been through four levels of judging, beginning with competition among other school teachers or youth group members, followed by regional, national and international competition.

At each level, the posters are evaluated on their artistic merit, originality and expression of the contest theme.

The top finalists were selected by members of Chicago's art and media communities on January 26, 1995.

On February 11, judges selected the grand prize winner.

Past winners of the Lions International Peace Poster Contest have been from Lebanon, Italy, Madagascar, Japan, Indonesia, the United States, Turkey, the Philippines and

Grand Prize
 Winner

1995, 1996 Lions International
 Peace Poster Contest



Andre de Villiers
 Republic of South Africa
 14 years old
 Teacher: Mrs. J. J. van der Merwe

Andre de Villiers
 Republic of South Africa
 14 years old
 Teacher: Mrs. J. J. van der Merwe

LIONS

United Nations International is proud to present
the 24 finalists
 of the annual **International Peace Poster Contest**

The Judges

The contest is designed to bring peace to the world through art and to inspire young people to work for peace. Through this contest, the United Nations hopes to foster the spirit of international understanding and cooperation among the world's children.

This year, about 100,000 children from 100 countries participated in the contest.

One of the winners of the contest is the artist of the poster "The World is Our Home". The poster shows a globe with children from different countries holding hands around it. The poster is a beautiful example of international cooperation and understanding.

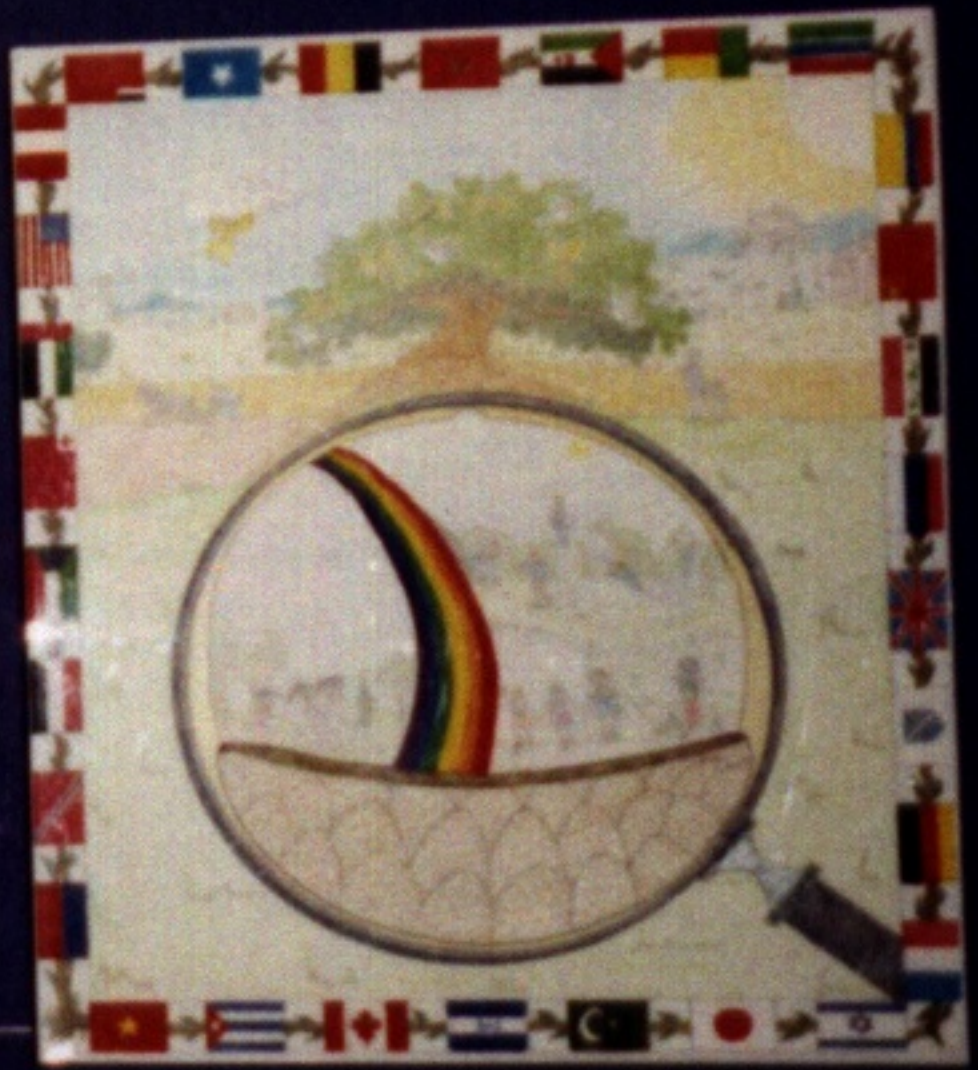


The World is Our Home
 by [Artist Name]
 [Country]

The World is Our Home
 by [Artist Name]
 [Country]



The World is Our Home
 by [Artist Name]
 [Country]



The World is Our Home
 by [Artist Name]
 [Country]

The World is Our Home
 by [Artist Name]
 [Country]





Planting the Seeds of Peace

1998-99 Lions International
peace poster contest

the 24 finalists

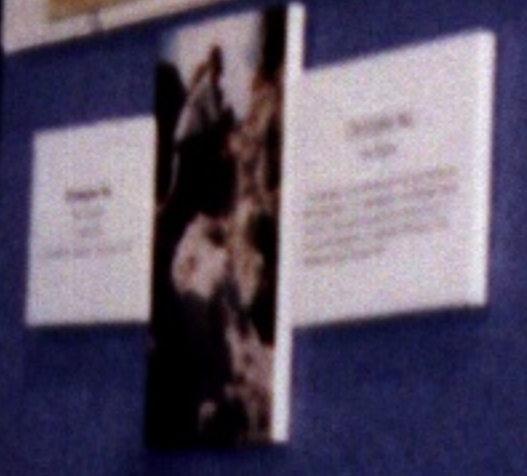
Lions Clubs International

The 24 finalists of the 1998-99 Lions International Peace Poster Contest are displayed on the wall. The posters are created by members of the Forsyth Lions Club and are a testament to the power of art to promote peace. The posters are displayed in a gallery setting, allowing visitors to view and appreciate the creativity and talent of the club members.

FORSYTH LIONS
FORSYTH, GA
USA

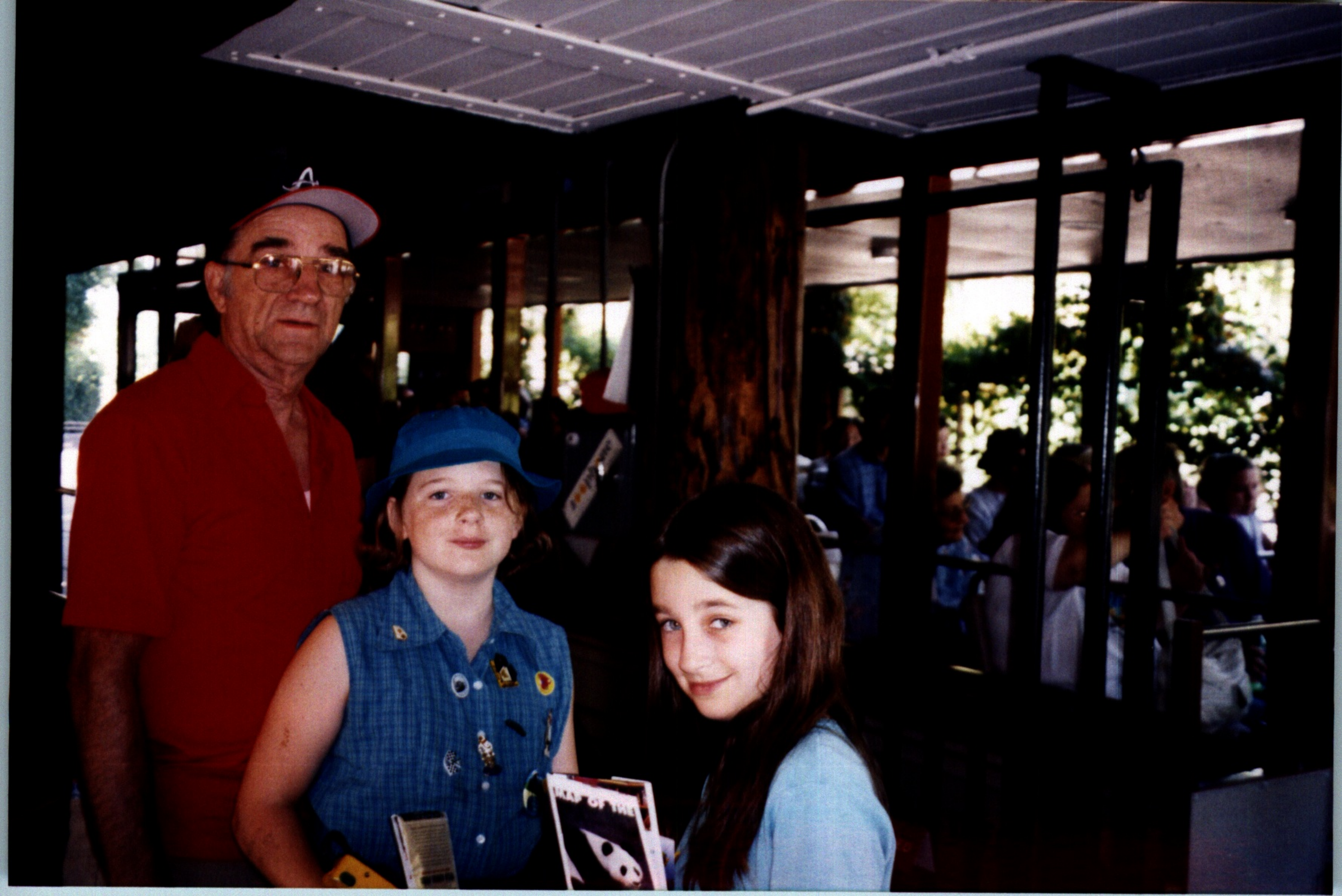
KOREAN











The World-Famous San Diego Zoo Presents
'Close Encounters of the Zoo Kind' and 'Zoollennium'
Check your daily handout for Close Encounters
'Zoollennium' a Laser and Video Show - Daily 8:30 and 9:15 p.m.

EXIT



GIFT SHOP

































Sssh!

Giant Panda Research Station.
Help our researchers by using
very quiet voices in this area.



















FOR YOUR SAFETY
AND THE SAFETY
OF YOUR CHILDREN
PLEASE
REMAIN STANDING ON
THE MOVING WALK

FOR YOUR SAFETY
AND THE SAFETY
OF YOUR CHILDREN
PLEASE
REMAIN STANDING ON
THE MOVING WALK

























WE SERVE

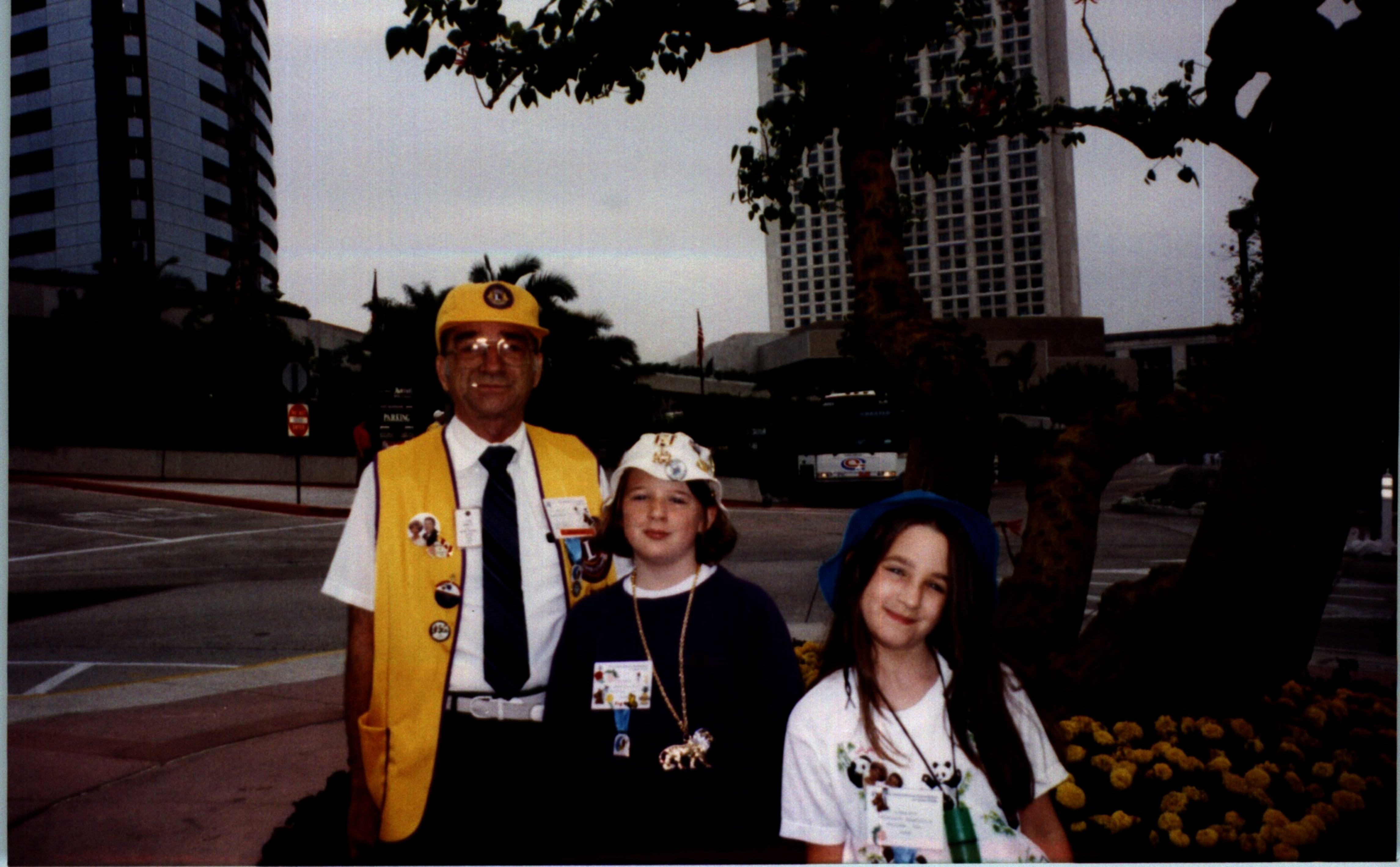


WE SERVE





WELCOME TO SAN DIEGO 1999

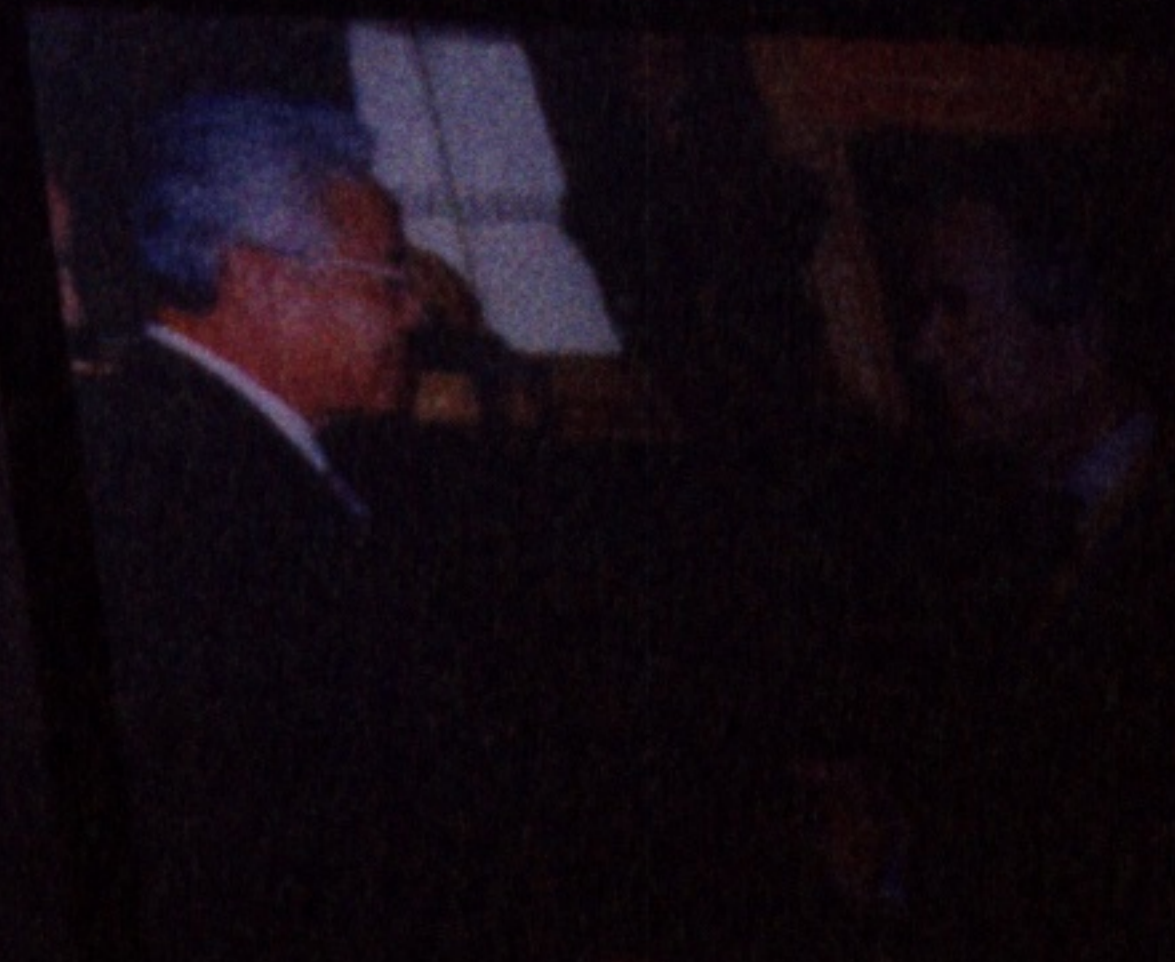
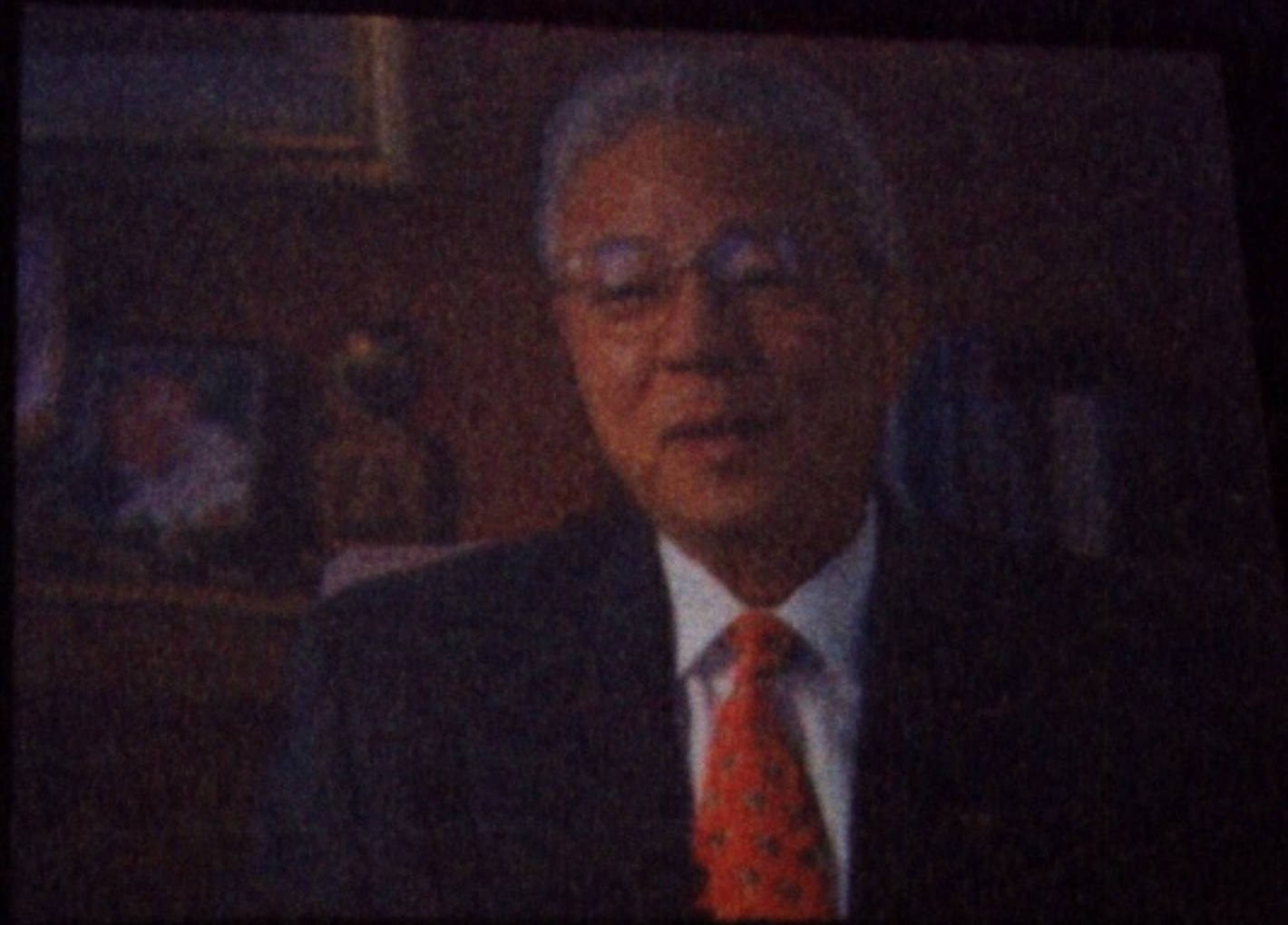




82nd LIONS CLUBS INTERNATIONAL CONVENTION



82nd LIONS CLUBS INTERNATIONAL CONVENTION



S CLUBS INTERNATIONAL CONVENTION





LIONS CLUBS INTERNATIONAL CONVENT

1975-1976
You are proud
to be a Lion





ANNUAL CONVENTION



SIGHTFIRST CHINA ACTION

视觉第一 中国行动

We Serve  我们服务



INTERNATIONAL CONVENTION

James E. Eryin
First Vice President





BS INTERNATIONAL CONVENTION



CLUBS INTERNATIONAL CONVENTION



NS CLUBS INTERNATIONAL CONVENTION

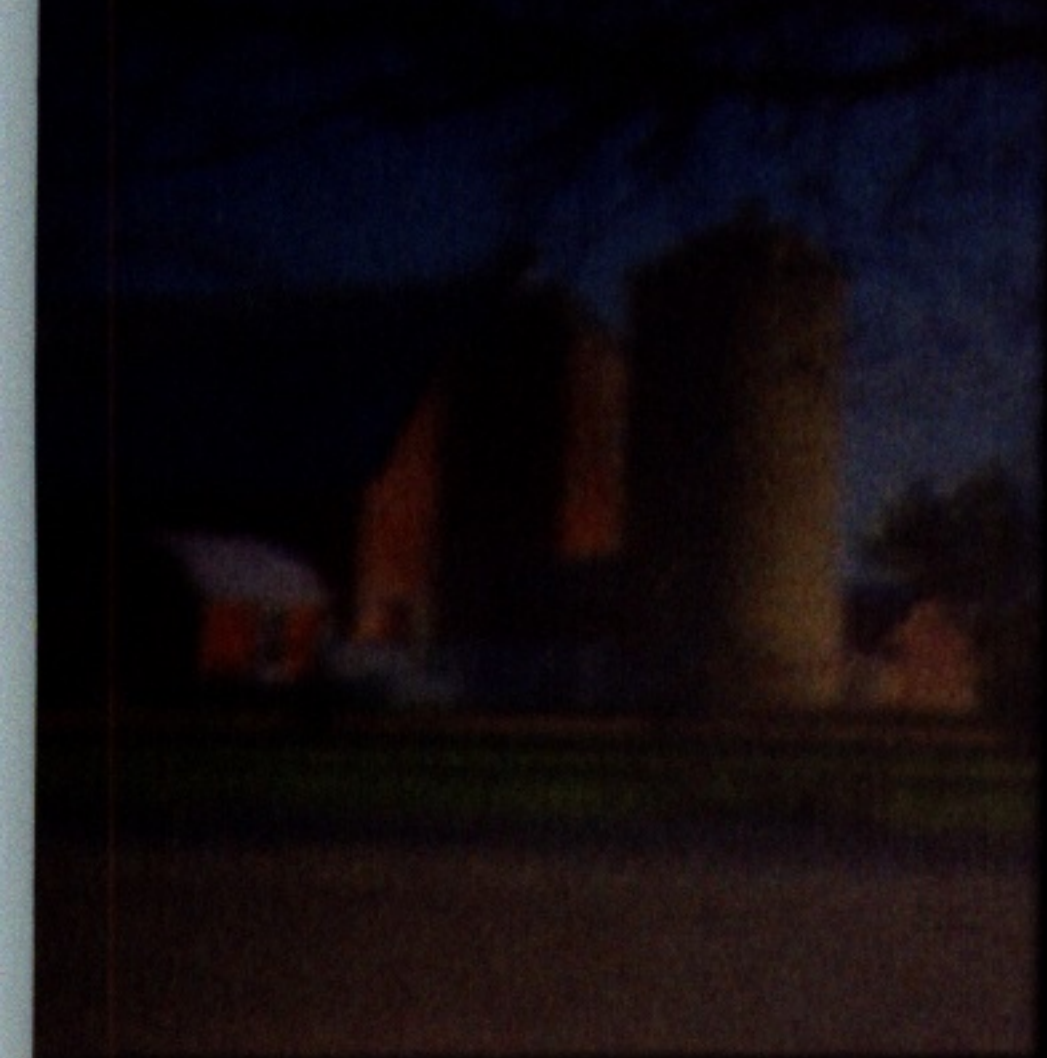
Honoring the nation's
founding sun goddess of
27 centuries ago



INTERNATIONAL CONVENTION



NS CLUBS INTERNATIONAL CONVENTION





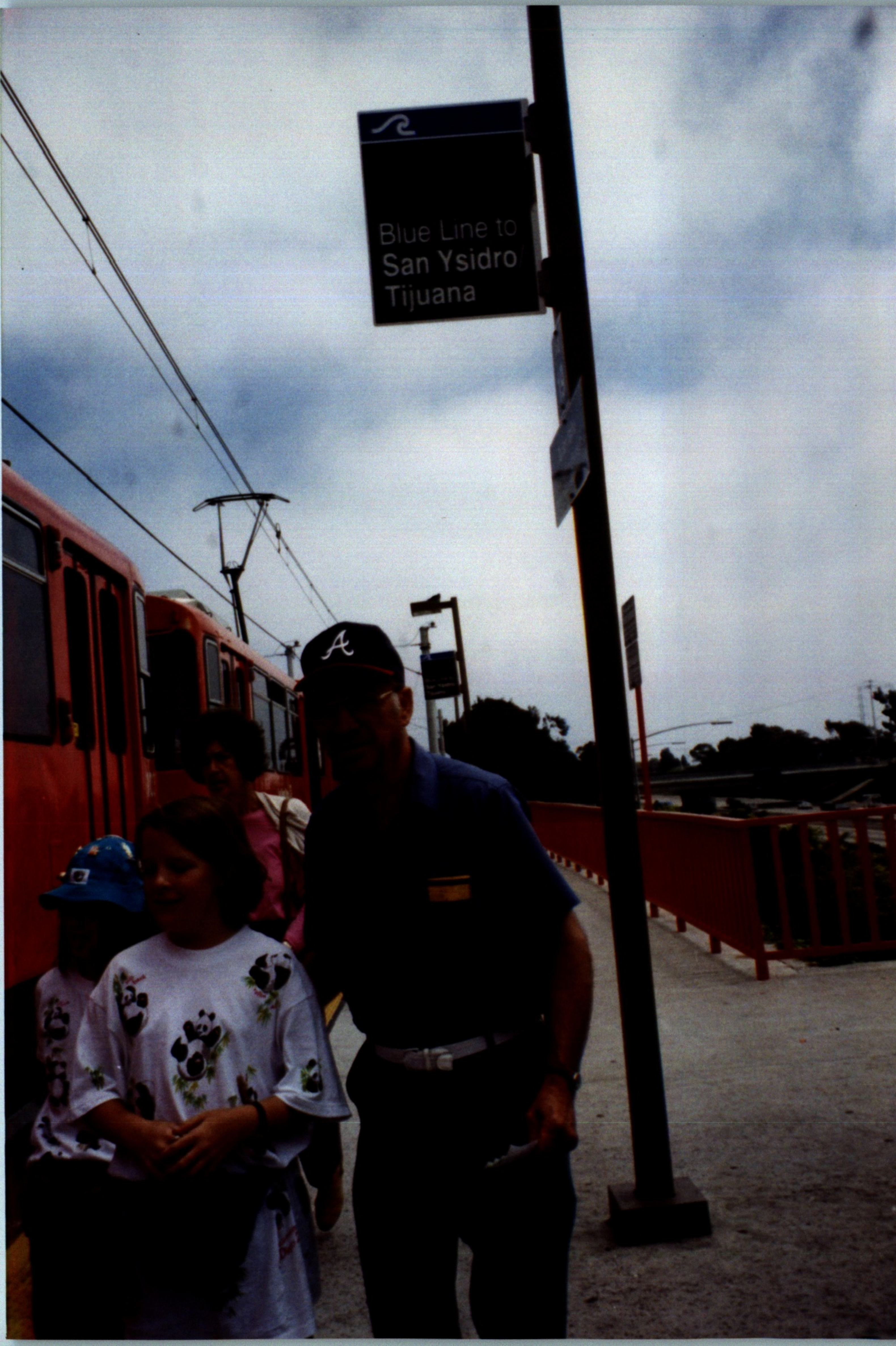












Blue Line to
San Ysidro /
Tijuana

San Diego Trolley













P
A
R
K
I
N

Carnitas

Estilo Uruapan
-la Tzarapacua-













Welcome to the United States
Bienvenidos a los Estados Unidos

SAN YSIDRO, CALIFORNIA
PORT OF ENTRY
HOURS OF OPERATION
24 HOURS

PUERTO DE ENTRADA
SAN YSIDRO, CALIFORNIA
HORAS DE OPERACION
24 HORAS







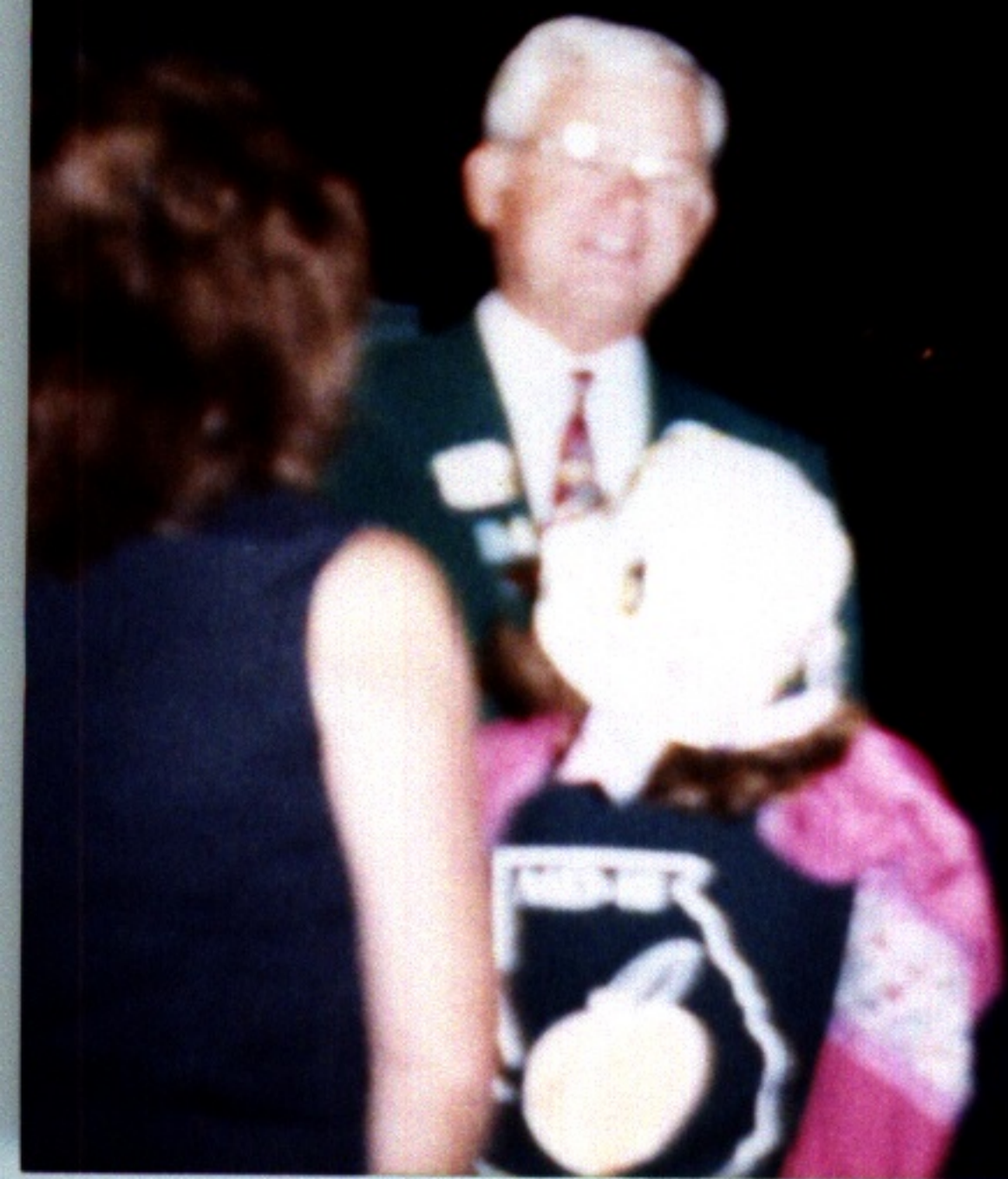




LIONS CLUBS
INTERNATIONAL

San
Diego

82nd LIONS CLUBS INTERNATIONAL





4b

4c

GEORGIA LIONS
ALL STATE BAND

4B

EXIT

9

10

11



82nd LIONS CLUBS INTERNATIONAL CONVENT





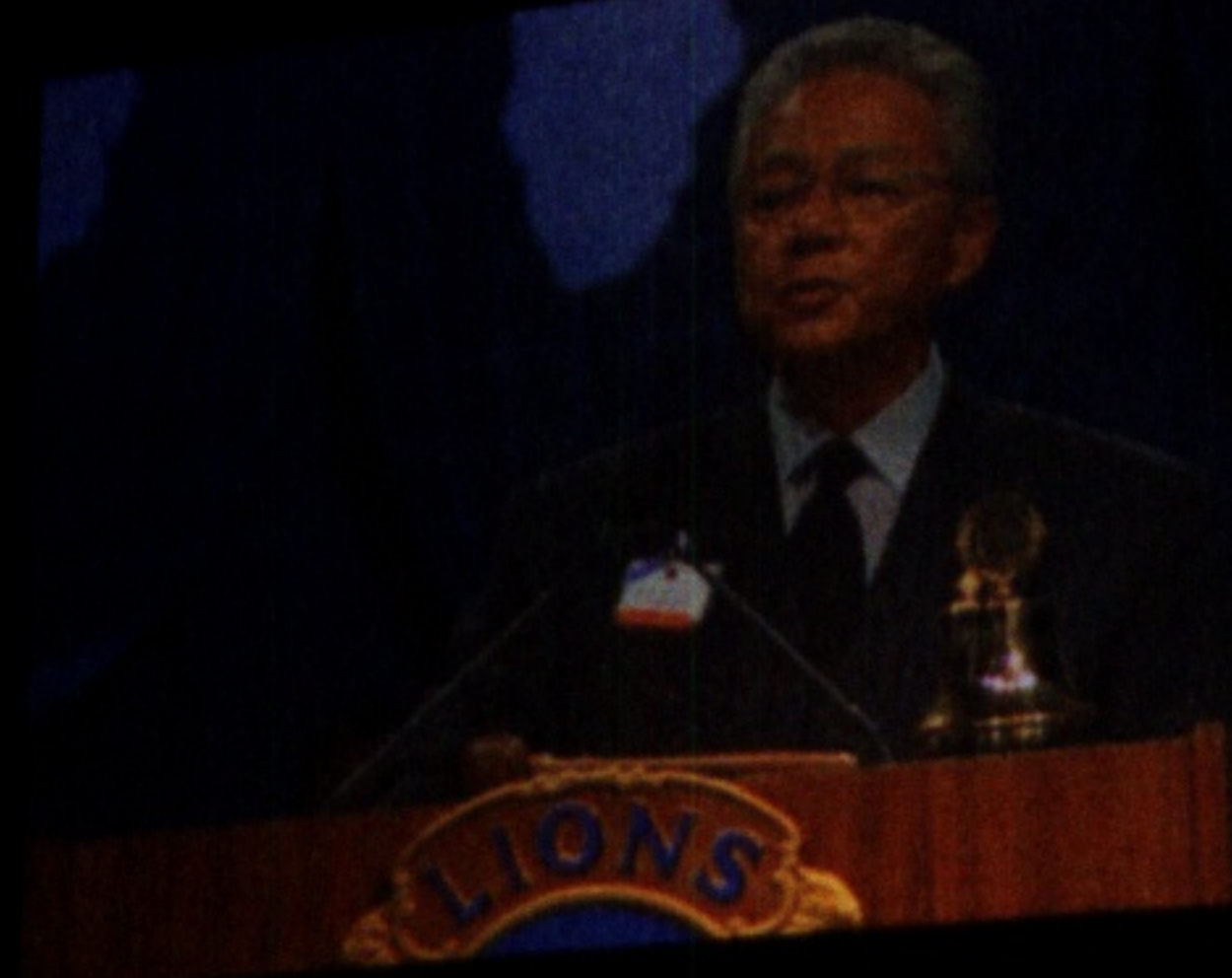
CONVENTION

GEORGIA

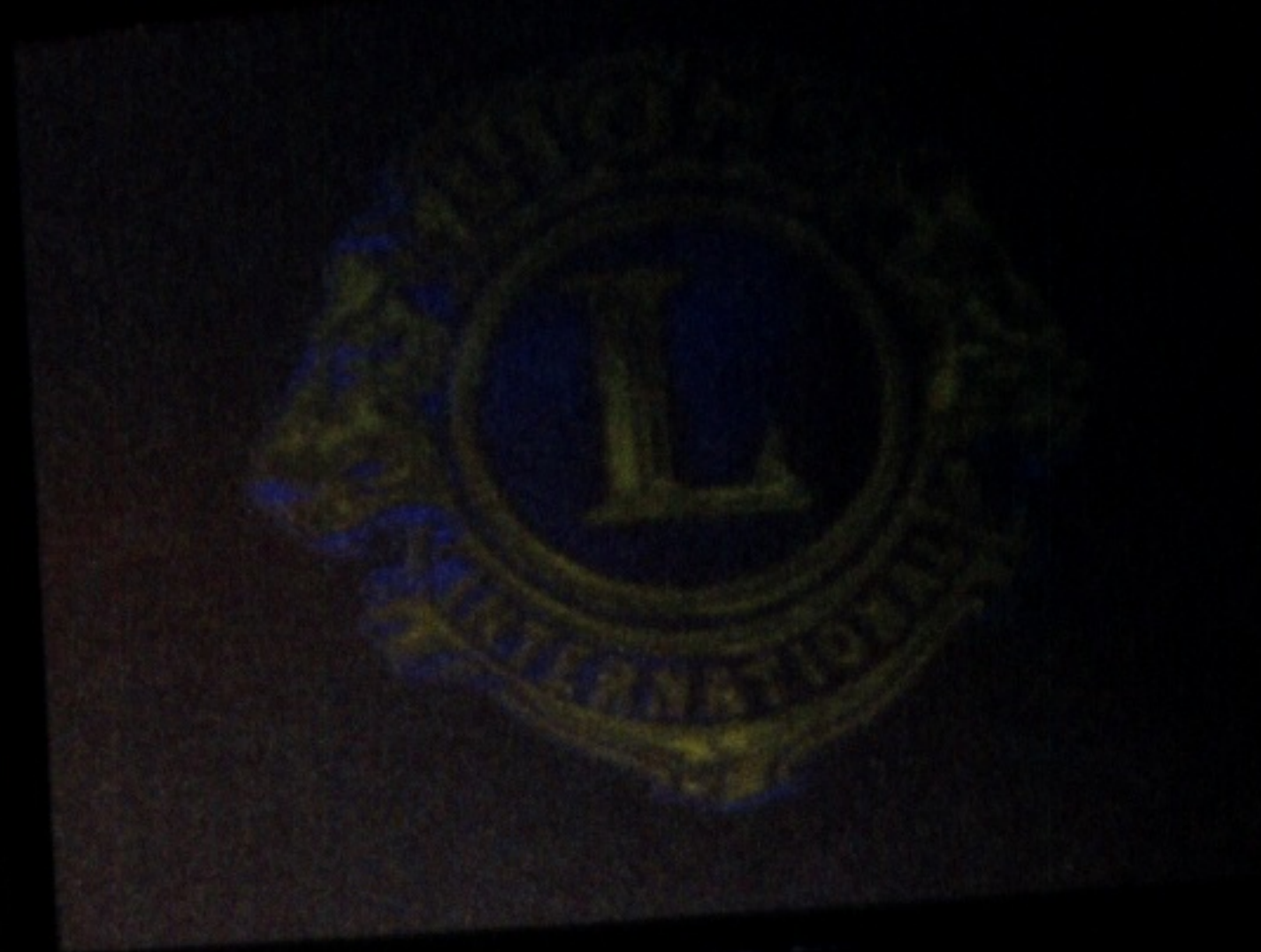




82nd LIONS CLUBS INTERNATIONAL CONVENT



nd LIONS CLUBS INTERNATIONAL CONVENTION







ERVIN
ENT

1999 2000



JAMES E. "JIM" ERVIN
FOR
PRESIDENT

1999 2000



JAMES E. "JIM" ERVIN
FOR
PRESIDENT





JAMES E. "JIM" ERVIN
FOR
PRESIDENT

1999 2000

JAMES E. "JIM" ERVIN
FOR
PRESIDENT

1999 2000

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FOR
PRESIDENT

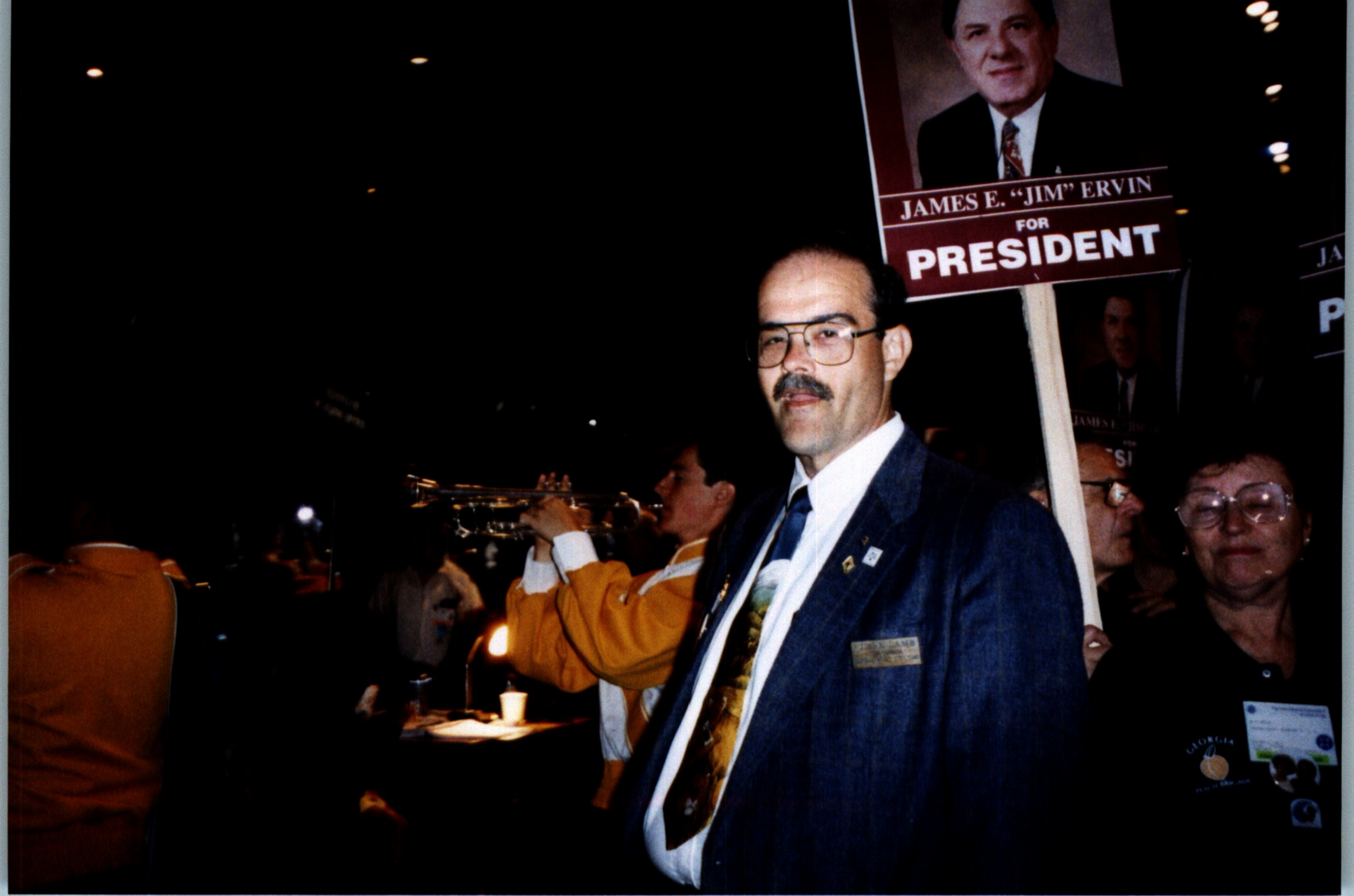
JAMES
P

IONS CLUB



82nd LIONS





JAMES E. "JIM" ERVIN
FOR
PRESIDENT

GEORGIA
PEOPLE'S CHOICE



SAN
DIEGO **SPORTS ARENA**



Red Lobster

HOCKEY & AVOYER
SHOP SPACE
FOR LEASE
CONTACT:
BILL THAXTON JON HOFMANN MITT MCCORMICK
619 280 2600





ASHLEY
4th Grade

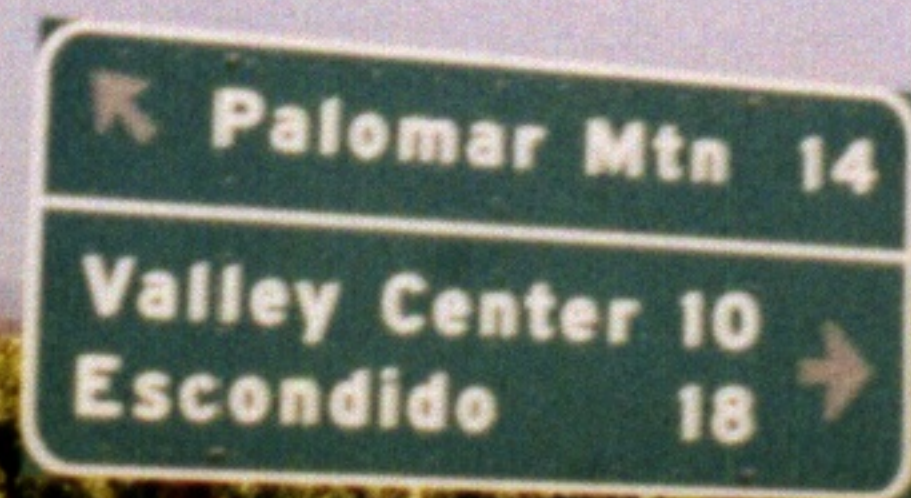
SPECIAL
Fresh LENONS
40¢ LB.

Premium
Table
Grapes





Lake Henshaw 15
Palomar Mtn 16
Julian 33



← Palomar Mtn 14

Valley Center 10 →

Escondido 18

← Palomar State
Observatory S
Lake Henshaw 14 →

SAN DIEGO
S6
COUNTY



7 FT
PLP

SAN DIEGO
S7
COUNTY





















Remember my
Big Sister at Home (
Daddy & Denise's) and that
Daddy & Denise love you
and wish you a Happy
B-day!!!

I am on loan to keep you
company, Denise let me come
so I would remind you of my
Big Sis and that she is
waiting for you there in your
room next to ~~the~~ Rea Rea.





ELEVATION
5550 FT

SAN JESO
S6
COUNTY

END

OBSERVATORY PARKING
GATE CLOSSES
4:45 P.M.
PRIVATE PROPERTY OF
CALIFORNIA INSTITUTE
OF TECHNOLOGY
DO NOT FEED BEYOND THE GATE

CALIFORNIA INSTITUTE OF TECHNOLOGY
PALOMAR OBSERVATORY
VISITOR PARKING
ELEVATION 5550 FT. ← 8 AM - 4 PM



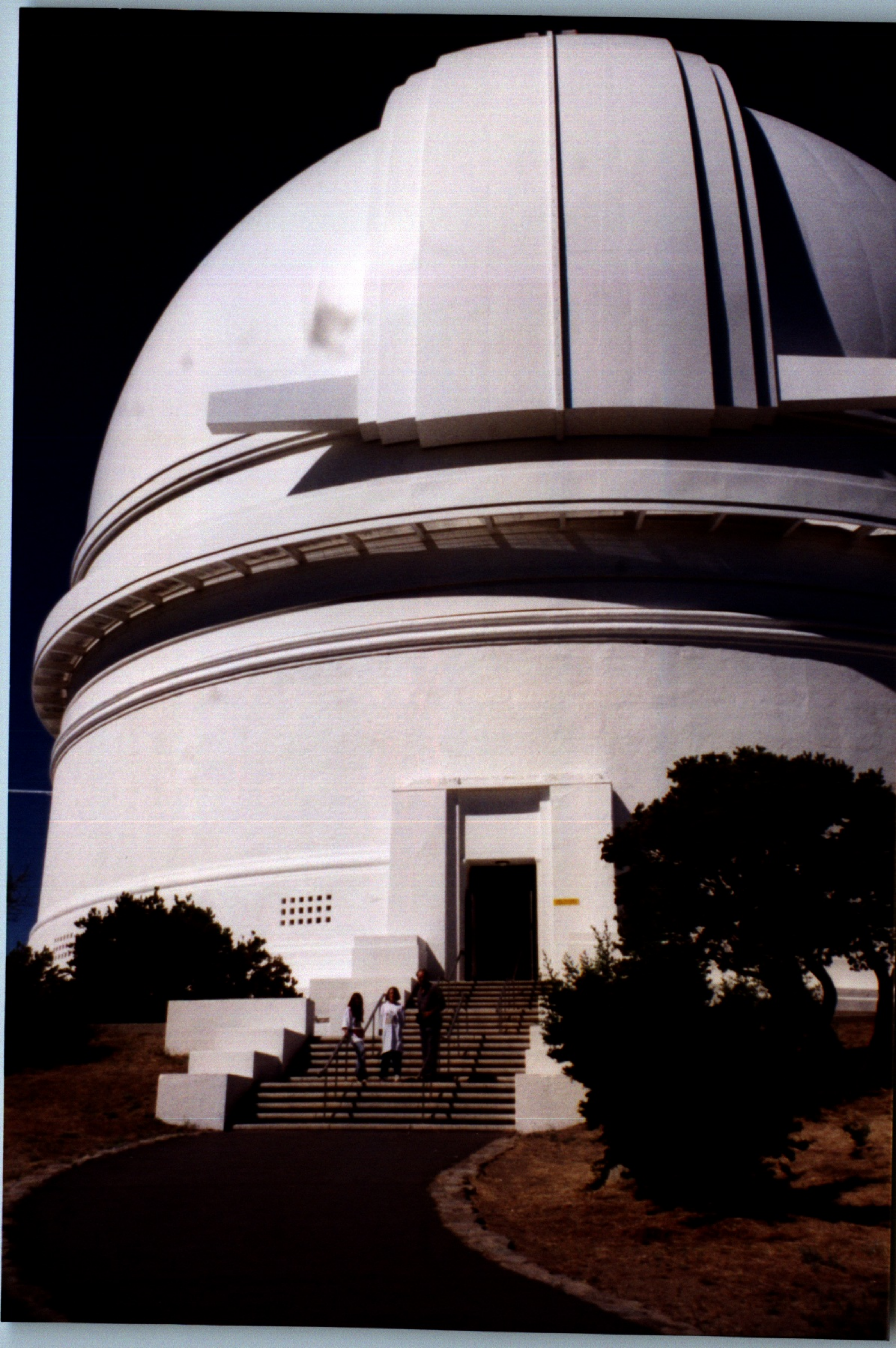




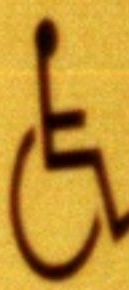


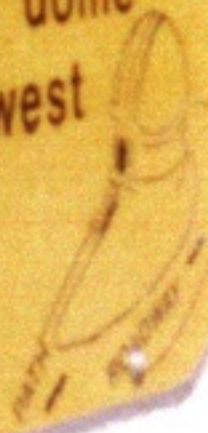
200 INCH
TELESCOPE
CLOSING AT 4:00 P.M.







 At 9:30am, 1pm and a
3:45pm Wheelchair
access to the 200" dome
is provided at the west
side of the dome.
Follow the signs.





HALE

THE TWO HUNDRED INCH TELESCOPE
IS NAMED IN HONOR OF
WILLIAM HERBERT HALE

1868-1942

SCALE MODEL
of the
200 INCH MIRROR



SOME FACTS ABOUT OUR SOLAR SYSTEM, OUR GALAXY AND THE UNIVERSE

Speed of light — 186,000 miles per second.

Light year—speed of light times number of seconds in one year
or roughly 6 trillion miles, or 6 followed by 12 zeroes.

OUR SOLAR SYSTEM

One star, nine planets, more than sixty two moons, several thousand asteroids and over one thousand comets. The Sun is approximately 93 million miles away, has a diameter of 1,392,000 miles, and a rotational period of 24 to 36 days depending on latitude from equator.

PLANET	PERIOD OF LIGHT TRAVEL FROM SUN	DIAMETER kilometers	PERIOD OF AXIAL ROTATION	NUMBER OF MOONS
Mercury	3 min.	4,878	59 days	0
Venus	6 min.	12,104	243 days	0
Earth	8 min.	12,756	23 hrs. 56 min.	1
Mars	13 min.	6,787	24 hrs. 37 min.	2
Jupiter	43 min.	142,796	9 hrs. 53 min.	16
Saturn	1 hr. 19 min.	120,000	10 hrs. 40 min.	18
Uranus	2 hrs. 40 min.	52,142	17 hrs. 14 min.	15
Neptune	4 hrs. 10 min.	49,528	16 hrs. 3 min.	8
Pluto	5 hrs. 28 min.	2,300	6 days, 9 hrs. 17 min.	1

OUR GALAXY

Our galaxy has a mass of 100,000,000,000 stars, of which our sun is one.
It has a rotational period at the sun of 220,000 years.

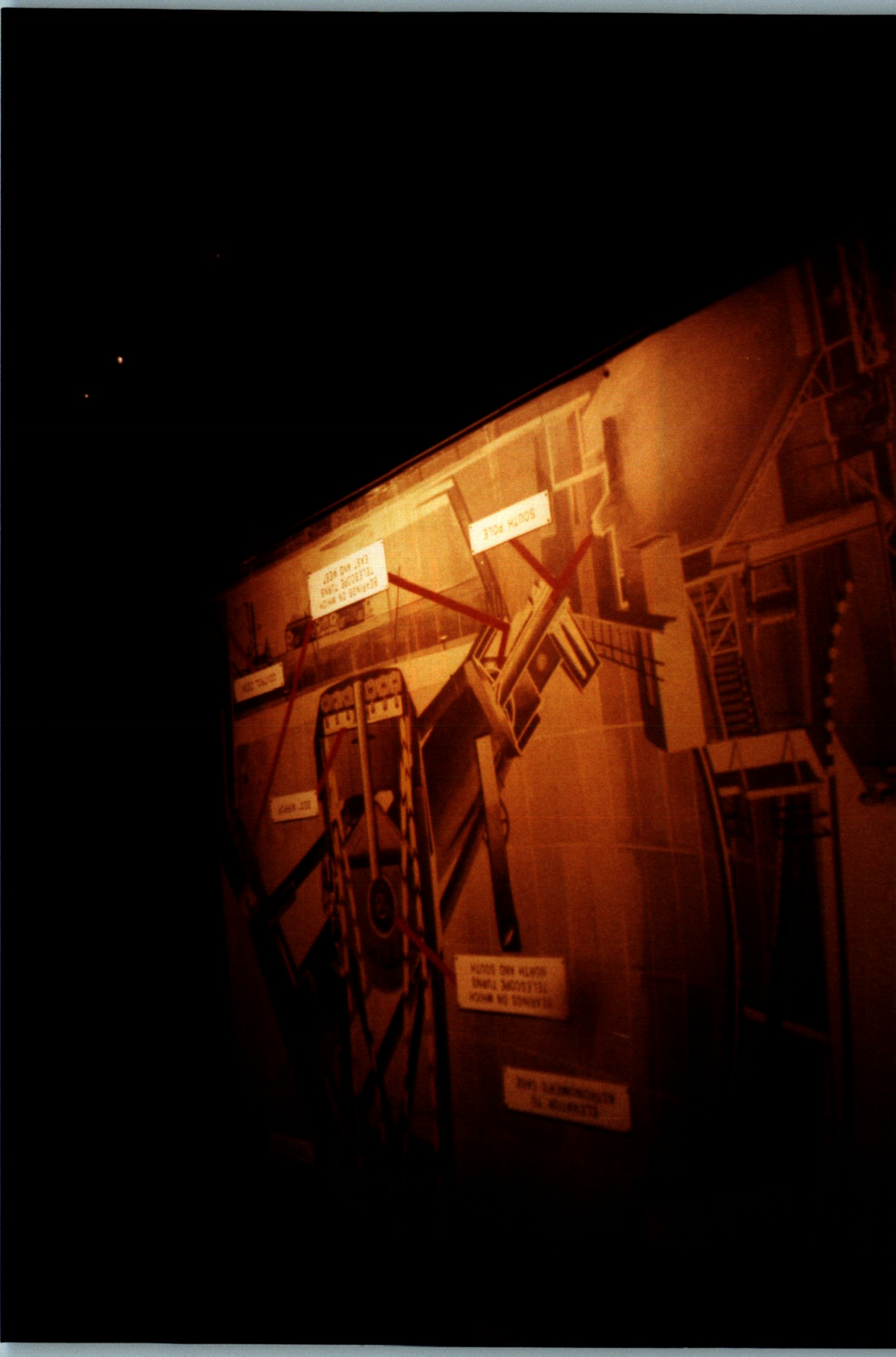
STAR	PERIOD OF LIGHT TRAVEL TO EARTH	DIAMETER kilometers	TEMPERATURE Fahrenheit degrees
Sun	8 minutes	1,391,785	10,000
Nearest star	4 years	1,448,100	10,000
Smallest known star	50 years	6,436	50,000
Largest known star	500 years	482,700,000	12,000
Hottest stars			100,000
Coollest stars			3,000

THE UNIVERSE

More than 100,000,000,000 galaxies like ours are within range
of the 200-inch telescope, and an unknown number beyond.

GALAXY	PERIOD OF LIGHT TRAVEL TO EARTH
Nearest galaxy	2,000,000 years
Farthest observed galaxy	more than 12,000,000,000 years

Present theory estimates the age of the universe at 15 billion years.



SOUTH POLE

EAST AND WEST
SOUTH POLE
EAST AND WEST

1911-1912

EAST AND WEST
SOUTH POLE
EAST AND WEST

EAST AND WEST
SOUTH POLE
EAST AND WEST

THE DRAWING SHOWS THE 200 INCH TELESCOPE, CUT AWAY ALONG A VERTICAL PLANE THROUGH THE POLAR AXIS, AND AS IT APPEARS TO YOU - WITH AN EXPLANATION OF THE MAJOR LIVING ESSENTIAL FEATURES OF THE INSTRUMENT.

THE DRAWING ABOVE NOTING THE ENTIRE MECHANISM FOR THE POLAR ALIGNMENT OF THE TELESCOPE.





































HYATT GRAND CHAMPIONS
EMERALD RESORT
THE TIGER RESORT
18 HOLE FIELD



ENTERING
**JOSHUA TREE
NATIONAL PARK**
UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE





Parker 1
Phoenix 153



PARKER
ELEVATION 2041
FOUNDED 1948
IN ARIZONA WITH PRIDE

WELCOME
TO
Arizona
THE GRAND CANYON STATE

RV Service Center











NO PETS OR
GLASS CONTAINERS
ON BEACHES















